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Federal Milk Order Market Statistics for July and August 1998



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Dairy Programs, Washington, DC, October 1998

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SUMMARY OF PRODUCER DELIVERIES, PRODUCER DELIVERIES USED IN CLASS I, AND PRICES

Year	Number of markets 1/	Average number of producers	Producer deliveries		Average daily deliveries per producer	Producer deliveries used in Class I		Class I utilization percentage	Prices per hundredweight			
			Total	Percent change 2/		Total	Percent change 2/		Class I	Blend		
			<u>Bil. lbs.</u>		<u>Pounds</u>	<u>Bil. lbs.</u>		<u>Percent</u>	<u>-Dollars-</u>			
1994	38	92,052	107.8	3.7	3,209	44.8	0.1	42	14.75	13.16		
1995	33	87,882	108.5	0.7	3,384	45.0	0.2	41	14.19	12.78		
1996	32	82,959	104.5	-4.0	3,442	45.5	0.8	44	16.19	14.64		
1997	31	78,604	105.2	1.0	3,662	44.9	-1.0	43	14.36	13.10		
Year	Number of comp. mkts. 3/	Number of producers	Producer deliveries		Average daily deliveries		Producer deliveries used in Class I		Class I utilization percentage		Prices per hundredweight	
			Total	Percent change 2/	Total	Per producer	Total	Percent change 2/	1998	1997	1998	1997
			<u>Bil. lbs.</u>		<u>Mil. lbs.</u>	<u>Pounds</u>	<u>Bil. lbs.</u>		<u>Percent</u>	<u>-----Dollars-----</u>		
1998	25	64,919	8.0	-2.2	257.7	3,970	3.1	-3.0	39	40	15.48	14.12
Jan.	25	64,339	7.7	21.6	274.8	4,270	2.8	-1.6	37	45	15.81	14.36
Feb.	25	64,521	8.6	5.8	277.4	4,299	3.1	1.0	36	37	15.77	14.46
Mar.	25	64,361	8.5	-0.6	282.9	4,396	2.9	-2.0	34	35	15.84	14.98
Apr.	25	64,018	8.9	0.2	286.2	4,471	2.9	-4.7	33	34	15.33	15.01
May	25	53,884	6.5	-23.1	216.1	4,010	2.8	4.3	44	32	14.53	13.96
June	25	56,780	5.9*	-27.5	188.7	3,324	3.0	2.8	50	36	13.38	13.21
July	25	59,498	5.9*	-10.5	189.7	3,189	3.0	-0.3	50	45	15.59	13.24
Aug.												
Sept.												
Oct.												
Nov.												
Dec.												
Year to date 4/	---	61,540	59.9*	-5.1	246.3	4,003	23.6	-0.5	39	38	15.22	14.11
												13.92
												12.66

* Because the blend price adjusted for location was at or below the Class II, Class III, and Class III-A price in certain zones in some markets, handlers elected not to pool an estimated 2.9 billion and 385 million pounds in July 1988 and 1977, respectively, and an estimated 2.6 billion and 1.6 billion pounds in August 1998 and 1997, respectively, that normally would have been pooled under these orders. The total estimated amounts of milk not pooled for this reason through the month of August are: for 1998, 8.9 billion pounds; and for 1997, 4.6 billion pounds. 1/ End-of-year figure. Remaining annual statistics are for all markets in effect during any part of the year. 2/ Represents changes over the previous year. Percentages computed from unrounded numbers. Data for 1996 have been adjusted to a 365-day basis before computing percent changes. 3/ Figures are based on the same group of comparable markets--markets where the orders were in effect the entire period 1997-98, and for which the data were not affected significantly by marketing area changes; excludes Tennessee Valley, Carolina, Southeast, Louisville-Lexington-Evansville, Eastern South Dakota, Iowa, and Greater Kansas City. 4/ Average or total.

SUMMARY OF PACKAGED DISPOSITIONS OF FLUID MILK AND FLUID CREAM ITEMS 1/

Year and month	Number of markets	Whole milk items 2/			Fat-reduced milk items 3/			Milk and cream mixtures			Cream items 4/			Total fluid milk and fluid cream items 5/		
		Dispo- sition	Percent		Dispo- sition	Percent		Dispo- sition	Percent		Dispo- sition	Percent		Dispo- sition	Percent	
			Change 6/	Bf.		Change 6/	Bf.		Change 6/	Bf.		Change 6/	Bf.		Change 6/	Bf.
		Mil. lbs.			Mil. lbs.			Mil. lbs.			Mil. lbs.			Mil. lbs.		
1993	40	16,230	-2.8	3.26	28,367	1.0	1.40	683	2.6	10.6	844	3.3	21.3	47,284	4.0	2.54
1994	38	16,002	-1.4	3.27	28,890	1.8	1.38	674	-1.3	10.6	870	3.0	20.5	47,654	0.8	2.50
1995	33	15,598	-2.5	3.27	29,561	2.3	1.33	695	3.2	10.7	952	9.4	20.0	47,999	0.7	2.49
1996	32	15,695	0.3	3.26	30,119	1.6	1.29	739	6.0	10.8	983	3.0	20.9	48,649	1.2	2.49
1997	31	15,511	-0.9	3.26	30,051	0	1.29	746	1.2	10.9	1,028	4.9	21.3	48,632	0.1	2.50
1998 7/																
Jan.	30	1,118	-5.3	3.26	2,437	-2.1	1.27	39	1.8	11.0	58	1.0	21.2	3,731	-3.2	2.29
Feb.	30	999	-2.5	3.27	2,183	-1.1	1.26	37	0.6	11.2	54	4.5	22.2	3,352	-1.7	2.32
Mar.	30	1,086	-1.9	3.26	2,376	0.3	1.26	45	5.1	11.7	65	2.5	21.2	3,667	-0.3	2.35
Apr.	30	1,040	-3.7	3.26	2,249	-3.3	1.26	42	5.5	11.1	65	10.2	22.0	3,482	-3.1	2.38
May	30	1,051	-5.9	3.27	2,259	-4.7	1.25	42	-6.4	11.1	66	1.4	22.1	3,504	-4.5	2.39
June	30	1,063	2.2	3.27	2,108	2.1	1.27	43	6.9	11.6	70	10.1	21.5	3,375	2.3	2.46
July	30	1,113	2.4	3.26	2,173	1.3	1.28	42	1.8	11.1	68	5.1	22.1	3,486	1.5	2.45
Aug.																
Sept.																
Oct.																
Nov.																
Dec.																
Year to date	----	7,470	-2.2	3.27	15,785	-1.2	1.26	289	2.1	11.3	447	5.0	21.8	24,598	-1.4	2.38

1/ Total packaged disposition, in and out of the marketing area, by regulated handlers. Besides receipts from producers, these dispositions also may include receipts from other Federal order plants and/or receipts from other sources. Due to a change in classification procedures that was effective July 1, 1993, sour cream, yogurt, and eggnog are now reported on a used-to-produce basis. Previously, most orders reported data for these products on a disposition basis.

2/ Plain, flavored, and miscellaneous whole milk products.

3/ Plain, solids added, flavored, and miscellaneous fat-reduced milk products, and buttermilk.

4/ Light, heavy, and sour cream and cream dips.

5/ In addition to listed fluid milk and cream products, includes eggnog and yogurt.

6/ Represents changes over the previous year. Percentages are based on the data for all markets combined. Data for 1996 are adjusted to a 365-day basis before computing percent changes.

7/ Represents the data for all Federal milk order markets, except for New York-New Jersey. For percent changes based on comparable markets, see tables 15 and 16.

SUMMARY OF MILK, SKIM MILK, AND CREAM UTILIZED IN MANUFACTURED PRODUCTS 1/2/

Year and month	Num-ber of mks.	Butter			Cheese			Frozen desserts			Nonfat dry milk			Total 3/		
		Total	Percent		Total	Percent		Total	Percent		Total	Percent		Total	Percent	
			Change 4/	Bf.		Change 4/	Bf.		Change 4/	Bf.		Change 4/	Bf.		Change 4/	Bf.
		<u>Mil. lbs.</u>			<u>Mil. lbs.</u>			<u>Mil. lbs.</u>			<u>Mil. lbs.</u>			<u>Mil. lbs.</u>		
1993	40	1,313	-12.4	40.4	36,011	-7.6	3.82	5,028	2.8	9.2	6,131	-5.0	0.13	59,504	-6.1	4.48
1994	38	1,503	6.7	37.7	38,058	6.7	3.86	5,208	1.9	9.1	8,066	31.6	0.18	62,399	5.8	4.52
1995	33	1,611	4.8	36.8	38,795	2.6	3.89	5,143	-0.6	9.2	8,442	4.7	0.13	62,979	0.7	4.51
1996	32	1,497	-6.6	37.1	37,222	-2.7	3.95	5,050	-1.4	9.2	6,218	-26.6	0.10	58,046	-4.4	4.69
1997	31	1,407	-8.1	36.2	36,802	-1.3	3.93	5,446	4.9	8.9	6,166	-0.6	0.08	58,254	-1.1	4.61
1998 5/																
Jan.	30	143	-7.0	38.2	3,045	-3.2	4.00	350	-1.8	10.1	514	12.1	0.10	4,626	-3.1	4.95
Feb.	30	136	-0.8	36.4	3,101	82.4	3.90	369	1.0	9.5	558	-1.0	0.06	4,680	33.8	4.71
Mar.	30	132	9.7	39.0	3,455	13.9	3.92	458	7.0	9.2	638	12.1	0.06	5,251	10.7	4.67
Apr.	30	129	-5.0	38.4	3,495	-2.2	3.81	472	8.0	9.2	718	1.2	0.07	5,400	-0.6	4.48
May	30	105	-7.3	39.3	3,840	-0.2	3.70	490	-5.8	8.7	613	-18.5	0.09	5,632	-2.3	4.30
June	30	64	-25.8	37.0	1,630	-52.2	3.94	575	0.1	8.0	393	-35.4	0.11	3,215	-34.5	4.64
July	30	70	-9.6	34.2	989	-67.6	4.01	568	-3.5	7.9	278	-32.8	0.11	2,435	-41.8	5.03
Aug.																
Sept.																
Oct.																
Nov.																
Dec.																
Year to date	---	779	-5.4	37.8	19,554	-10.5	3.87	3,281	0.7	8.8	3,712	-11.7	0.08	31,238	-6.7	4.64

1/ Includes producer milk and other source milk used to produce manufactured dairy products in regulated pool plants as well as milk diverted and shipped to non-order plants for processing. Other source milk at regulated plants includes bulk transfers and diversions from other Federal orders, and receipts from unregulated sources. Some of the data are preliminary and partially estimated.

2/ Due to disadvantageous price situations and/or qualification circumstances in some markets in 1993-1997 and 1998, handlers elected not to pool significant volumes of milk that normally would have been pooled under Federal milk orders. Because this milk would have been classified as Class III and Class III-A under the orders, utilization in butter, cheese, and nonfat dry milk production for these years was affected.

3/ In addition to listed manufactured products, includes milk, skim milk, and cream used in other manufactured dairy products: e.g. cottage cheese, evaporated milk, condensed milk, dried products, and aerated cream; and milk, skim milk, and cream used in other food and non-food products. The total also includes dumped or spilled milk and plant loss.

4/ Represents changes over the previous year. Percentages are based on the data for all markets combined. These changes are based on pounds of butterfat, except for nonfat dry milk, which are based on pounds of skim milk. Data for 1996 are adjusted to a 365-day basis before computing percent changes.

5/ Represents the data for all Federal milk order markets, except for New York-New Jersey. For percentage changes based on comparable markets, see tables 18 and 19.

SUMMARY OF PACKAGED SALES OF FLUID MILK ITEMS IN MARKETING AREAS DEFINED BY FEDERAL MILK ORDERS 1/

Year and month	Number of mths.	Whole milk items 2/				Fat-reduced milk items 3/				Total fluid milk items						
		Sales	Percent			Sales	Percent			Sales			Percent			
			Total	Adj. 5/	Bf.		Total	Adj. 5/	Bf.							
		Mil. lbs.				Mil. lbs.				Mil. lbs.						
1993	40	15,522	-3.0	-2.8	3.26	27,381	0.8	1.0	1.39	43,203	43,164	-0.6	-0.4	2.06		
1994	38	15,157	-1.5	-1.4	3.26	27,894	1.6	1.6	1.37	43,051	43,047	0.5	0.6	2.04		
1995	33	14,964	-2.3	-2.0	3.27	26,499	1.2	1.4	1.32	43,434	43,530	0	0.2	1.97		
1996	32	15,263	0.7	0.3	3.25	29,077	1.2	0.9	1.30	44,341	44,169	1.0	0.7	1.93		
1997	31	14,803	-0.9	-0.7	3.24	28,592	0.3	0.4	1.27	43,396	43,420	-0.1	0.0	1.91		
<u>1998 6/</u>																
Jan.	31	1,271	-3.2	-3.5	3.25	2,525	-1.4	-2.0	1.26	3,795	3,537	-2.0	-2.4	1.89		
Feb.	31	1,133	-1.1	-1.1	3.27	2,263	-0.5	-0.5	1.25	3,396	3,549	-0.7	-0.7	1.89		
Mar.	31	1,242	-0.1	-0.5	3.26	2,480	1.2	0.9	1.25	3,722	3,571	0.8	0.4	1.89		
Apr.	31	1,186	-1.6	-1.3	3.26	2,342	-2.2	-2.1	1.25	3,528	3,542	-2.0	-1.8	1.89		
May	31	1,196	-3.9	-0.8	3.26	2,354	-3.9	-1.3	1.25	3,550	3,617	-3.9	-1.0	1.89		
June	31	1,203	4.2	0.4	3.26	2,204	3.1	0.2	1.27	3,407	3,652	3.5	0.2	1.94		
July	31	1,248	1.6	1.0	3.26	2,250	1.2	0.9	1.27	3,498	3,704	1.4	0.8	1.95		
Aug.	31	1,239	-0.5	-0.4	3.31	2,325	0	0.2	1.24	3,564	3,748	-0.2	0	1.93		
Sept.																
Oct.																
Nov.																
Dec.																
Year to date	---	9,717	-0.6	-0.8	3.27	18,743	-0.4	-0.5	1.25	28,461	28,919	-0.5	-0.6	1.91		

1/ In-area sales include total sales in each of the areas by handlers regulated under the respective orders, by handlers regulated under other orders, by partially regulated handlers, and by producer-handlers. Sales routes of handlers may extend outside defined marketing areas; therefore, some handlers' in-area sales are partially estimated.

2/ Plain, flavored, and miscellaneous whole milk products.

3/ Plain, solids added, flavored, and miscellaneous fat-reduced milk products, and buttermilk.

4/ Represents changes over the previous year. Percentages are based on the same group of markets comparable in both years. Data for 1996 are adjusted to a 365-day basis before computing percent changes.

5/ Adjusted to eliminate variation in data to calendar composition and seasonality.

6/ Represents the data for all Federal milk order markets.

Marketing Areas Under Federal Milk Orders, October 1, 1997

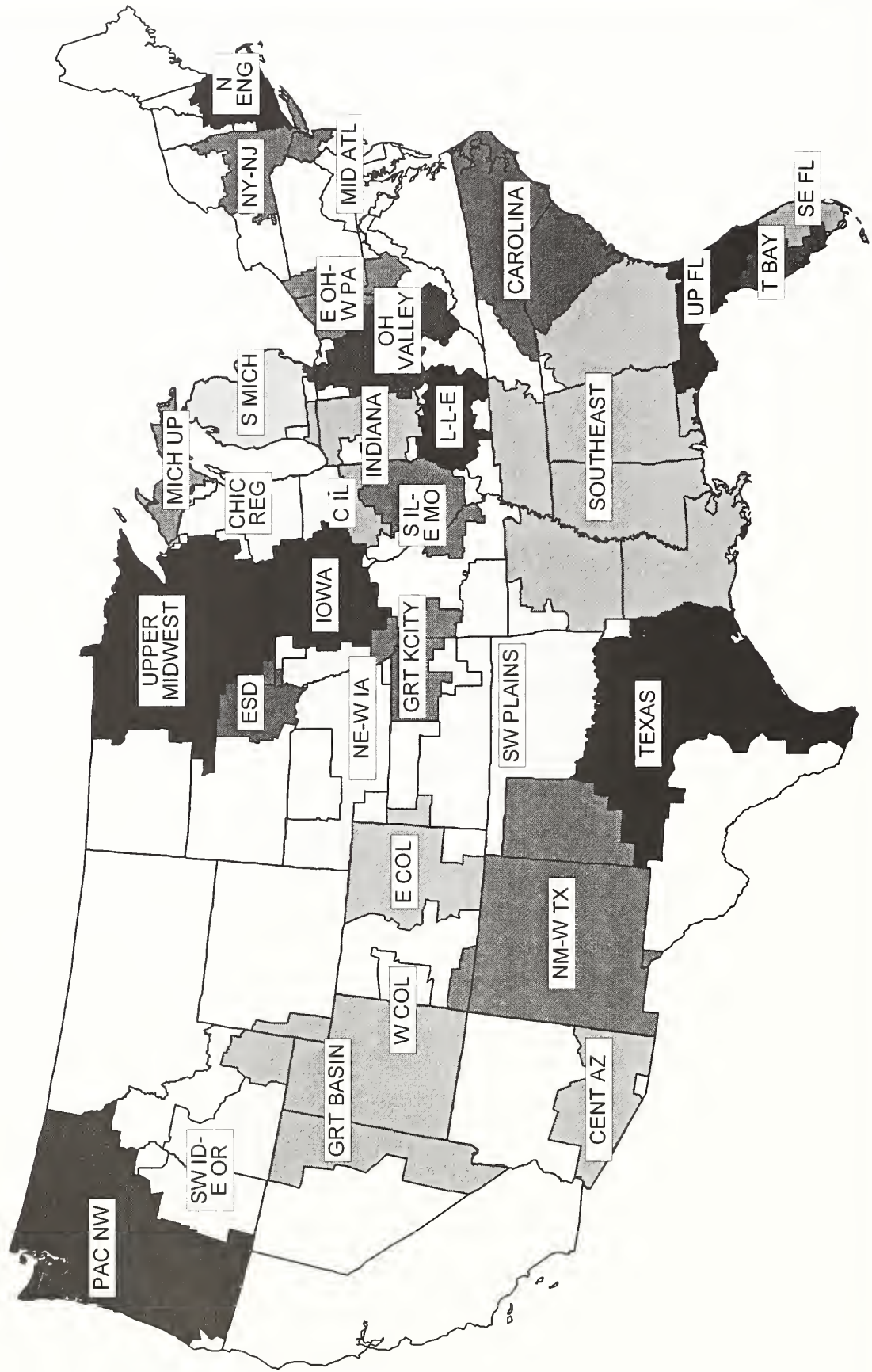


TABLE 1--FEDERAL ORDER FLUID (CLASS 1) DIFFERENTIALS, SEPTEMBER 1998 AND MINIMUM FEDERAL ORDER CLASS 1 PRICES, SEPTEMBER AND OCTOBER 1998 AND 1997 1/

Federal milk order marketing area	Fluid diff. 2/	Class 1 price			Federal milk order marketing area	Fluid diff. 2/	Class 1 price		
		Dollars					Dollars		
		1998	1997	October			1998	1997	October
NORTH ATLANTIC									
New England	3.24	18.01	14.10	18.23	15.31				
New York-New Jersey	3.14	17.91	14.00	18.13	15.21				
Middle Atlantic	3.03	17.80	13.89	18.02	15.10				
SOUTHEASTERN									
Carolina	3.08	17.85	13.94	18.07	15.15				
Southeast	3.08	17.85	13.94	18.07	15.15				
Upper Florida	3.58	18.35	14.44	18.57	15.65				
Tampa Bay	3.88	18.65	14.74	18.87	15.95				
Southeastern Florida	4.18	18.95	15.04	19.17	16.25				
EAST NORTH CENTRAL									
Michigan Upper Pen.	1.35	16.12	12.21	16.34	13.42				
Southern Michigan	1.75	16.52	12.61	16.74	13.82				
E. Ohio-W. Pa.	2.00	16.77	12.86	16.99	14.07				
Ohio Valley	2.04	16.81	12.90	17.03	14.11				
Indiana	1.90	16.67	12.76	16.89	13.97				
Chicago Regional	1.40	16.17	12.26	16.39	13.47				
Central Illinois	1.61	16.38	12.47	16.60	13.68				
S. Ill.-E. Mo.	1.92	16.69	12.78	16.91	13.99				
Louis.-Lex.-Evans.	2.11	16.88	12.97	17.10	14.18				
WEST NORTH CENTRAL									
Upper Midwest	1.20	15.97	12.06	16.19	13.27				
Eastern South Dakota	1.50	16.27	12.36	16.49	13.57				
Iowa	1.55	16.32	12.41	16.54	13.62				
Nebraska-Western Iowa	1.75	16.52	12.61	16.74	13.82				
Greater Kansas City	1.92	16.69	12.78	16.91	13.99				
WEST SOUTH CENTRAL									
Southwest Plains	2.77	17.54	13.63	17.76	14.84				
Texas	3.16	17.93	14.02	18.15	15.23				
MOUNTAIN									
Eastern Colorado	2.73	17.50	13.59	17.72	14.80				
Western Colorado	2.00	16.77	12.86	16.99	14.07				
SW. Idaho-E. Oregon	1.50	16.27	12.36	16.49	13.57				
Great Basin	1.90	16.67	12.76	16.89	13.97				
Central Arizona	2.52	17.29	13.38	17.51	14.59				
New Mexico-W. Texas	2.35	17.12	13.21	17.34	14.42				
PACIFIC									
Pacific Northwest	1.90	16.67	12.76	16.89	13.97				

1/ Prices are for 100 pounds of milk of 3.5 percent butterfat content. Prices are listed generally for the major city in the marketing area; see footnotes on pages 42 and 43 for these locations.

2/ The fluid differential is the amount added to the Basic Formula Price to determine the Class 1 price. The Basic Formula Price is the base month Minnesota-Wisconsin price for the second preceding month updated with a product price formula. See Table 25. The fluid differentials shown for New England, New York-New Jersey, and Michigan Upper Peninsula reflect location adjustments. The differentials specified in the orders are: New England - \$2.52, New York-New Jersey - \$2.42; and Michigan Upper Peninsula - \$1.15.

TABLE 2--FEDERAL MILK ORDER CLASS AND BLEND PRICES AND BUTTERFAT DIFFERENTIALS, JULY, WITH COMPARISONS 1/

Federal milk order marketing area	Prices per hundredweight								Producer differential per 0.1 percent of butterfat
	Class I		Blend 2/		Class II	Class III	Class III-A 3/	Jul 1998	
	Jul 1998	Jul 1997	Jul 1998	Jul 1997					
	-----Dollars-----								
<u>North Atlantic</u>									
New England 4/	14.12	13.94	13.86	12.69	11.18	14.80	15.62	22.3	
New York-New Jersey 5/	14.02	13.84	14.25	12.39	11.26	14.88	15.70	22.3	
Middle Atlantic 6/	13.91	13.73	13.50	12.42	11.18	14.82	15.64	---	
Regional Average	14.02	13.84	13.97	12.47				22.3	
<u>Southeastern</u>									
Carolina 7/	13.96	13.78	13.56	13.33	11.18	14.77	15.59	22.3	
Tennessee Valley 8/ 9/	---	13.47	---	13.01	---	---	---	---	
Southeast 10/	13.96	13.78	13.78	13.23	11.18	14.77	15.59	22.3	
Tampa Bay	14.76	14.58	14.31	14.00	11.18	14.77		22.3	
Regional Average 11/ 12/	14.76	14.58	14.31	14.00				22.3	
<u>East North Central</u>									
Michigan Upper Peninsula 13/ 14/	12.23	12.05	12.23	11.67	11.18	14.77	15.59	22.3	
Southern Michigan 15/	12.63	12.45	13.00	11.72	11.18	14.77	15.59	---	
East. Ohio-West. Pennsylvania 16/	12.88	12.70	13.33	11.79	11.18	14.77	15.59	---	
Ohio Valley 17/	12.92	12.74	12.47	11.90	11.18	14.77	15.59	---	
Indiana 18/	12.78	12.60	12.40	12.01	11.18	14.77	15.59	---	
Chicago Regional 19/	12.28	12.10	12.94	11.27	11.18	14.77	15.59	---	
Central Illinois 20/	12.49	12.31	12.58	11.96	11.18	14.77		22.3	
South. Illinois-East. Missouri 21/	12.80	12.62	12.42	11.89	11.18	14.77		22.3	
Louisville-Lexington-Evansville	12.99	12.81	12.83	12.45	11.18	14.77	15.59	22.3	
Regional Average 12/	12.64	12.48	12.86	11.55				22.3	

CONTINUED

See footnotes on pages 42 and 43.

TABLE 2--FEDERAL MILK ORDER CLASS AND BLEND PRICES AND BUTTERFAT DIFFERENTIALS, JULY, WITH COMPARISONS 1/--CONT.

Federal milk order marketing area	Prices per hundredweight										Producer differential per 0.1 percent of butterfat Jul 1998
	Class I		Blend 2/		Class II	Class III	Class III-A 3/				
	Jul 1998	Jul 1997	Jul 1998	Jul 1997							
	-----Dollars-----							-----Cents-----			
<u>West North Central</u> Upper Midwest 22/ Iowa 23/ Nebraska-Western Iowa 24/ Greater Kansas City 25/ Regional Average 11/ 12/	12.08	11.90	12.48	11.09	11.18	14.77	15.59	---			
	12.43	12.25	12.95	11.47	11.18	14.77	15.59	---			
	12.63	12.45	12.48	11.59	11.18	14.77	15.59	---			
	12.80	12.62	13.26	12.49	11.18	14.77		22.3			
	12.23	12.05	12.48	11.16							
<u>West South Central</u> Southwest Plains 26/ Texas 27/ Regional Average	13.65	13.47	13.48	12.22	11.18	14.77	15.59	22.3			
	14.04	13.86	13.22	12.73	11.18	14.77	15.59	22.3			
	13.92	13.73	13.31	12.53				22.3			
<u>Mountain</u> Eastern Colorado 28/ Southwestern Idaho-Eastern Ore. 29/ Great Basin 30/ Central Arizona 31/ New Mexico-West Texas 32/ Regional Average 11/	13.61	13.43	13.12	12.05	11.18	14.77		22.3			
	12.38	12.20	13.08	10.93	11.18	14.77	15.62	---			
	12.78	12.60	13.42	11.59	11.18	14.77		---			
	13.40	13.22	13.99	12.04	11.18	14.77	15.62	22.3			
	13.23	13.05	13.04	11.72	11.18	14.77	15.59	22.3			
	13.21	13.03	13.51	11.59				22.3			
<u>Pacific</u> Pacific Northwest 33/ Regional Average	12.78	12.60	14.04	11.77	11.18	14.77	15.62	---			
	12.78	12.60	14.04	11.77							
22-Market Average 11/ 12/	13.38	13.21	13.49	11.91				22.3			
All-Market Average 11/	13.45	13.27	13.49	12.01	11.19			22.3			

See footnotes on pages 42 and 43.

TABLE 3--FEDERAL MILK ORDER CLASS AND BLEND PRICES AND BUTTERFAT DIFFERENTIALS, AUGUST, WITH COMPARISONS 1/

Federal milk order marketing area	Prices per hundredweight								Producer differential per 0.1 percent of butterfat Aug 1998
	Class I		Blend 2/		Class II	Class III Aug 1998	Class III-A 3/		
	Aug 1998	Aug 1997	Aug 1998	Aug 1997					
	-----Dollars-----							-----Cents-----	
<u>North Atlantic</u>									
New England 4/	16.34	13.98	15.72	12.98	13.40	15.09	16.62	24.5	
New York-New Jersey 5/	16.24	13.88	15.60	12.94	13.48	15.17	16.70	24.5	
Middle Atlantic 6/	16.13	13.77	15.33	12.70	13.40	15.11	16.64		
Regional Average	16.24	13.87	15.56	12.89				24.5	
<u>Southeastern</u>									
Carolina 7/	16.18	13.82	15.77	13.34	13.40	14.99	16.52	24.5	
Tennessee Valley 8/ 9/	---	13.51	---	13.05	---	---	---	---	
Southeast 10/	16.18	13.82	15.86	13.37	13.40	14.99	16.52	24.5	
Tampa Bay	16.98	14.62	16.51	14.12	13.40	14.99		24.5	
Regional Average 11/ 12/	16.98	14.62	16.51	14.12				24.5	
<u>East North Central</u>									
Michigan Upper Peninsula 13/ 14/	14.45	11.89	14.45	12.10	13.40	14.99	16.52	24.5	
Southern Michigan 15/	14.85	12.49	14.54	12.04	13.40	14.99	16.52	---	
East. Ohio-West. Pennsylvania 16/	15.10	12.74	14.88	12.35	13.40	14.99	16.52	---	
Ohio Valley 17/	15.14	12.78	14.64	12.24	13.40	14.99	16.52	---	
Indiana 18/	15.00	12.64	14.58	12.06	13.40	14.99	16.52	---	
Chicago Regional 19/	14.50	12.14	14.47	11.94	13.40	14.99	16.52	---	
Central Illinois 20/	14.71	12.35	14.66	12.22	13.40	14.99		---	
South. Illinois-East. Missouri 21/	15.02	12.66	14.60	12.23	13.40	14.99		24.5	
Louisville-Lexington-Evansville	15.21	12.85	14.92	12.50	13.40	14.99	16.52	24.5	
Regional Average 12/	14.87	12.51	14.59	12.09				24.5	

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See footnotes on pages 42 and 43.

TABLE 3--FEDERAL MILK ORDER CLASS AND BLEND PRICES AND BUTTERFAT DIFFERENTIALS, AUGUST, WITH COMPARISONS 1/--CONT.

Federal milk order marketing area	Prices per hundredweight								Producer differential per 0.1 percent of butterfat Aug 1998	
	Class I		Blend 2/		Class II		Class III			Class III-A 3/
	Aug 1998	Aug 1997	Aug 1998	Aug 1997	Aug 1998	Aug 1997	Aug 1998			
	-----Dollars-----							-----Cents-----		
<u>West North Central</u>										
Upper Midwest 22/	14.30	11.94	14.34	11.91	13.40	14.99	16.52	24.5		
Iowa 23/	14.65	12.29	14.63	12.16	13.40	14.99	16.52	---		
Nebraska-Western Iowa 24/	14.85	12.49	14.62	12.12	13.40	14.99	16.52	---		
Greater Kansas City 25/	15.02	12.66	14.94	12.59	13.40	14.99		24.5		
Regional Average 11/ 12/	14.45	12.09	14.41	11.98				24.5		
<u>West South Central</u>										
Southwest Plains 26/	15.87	13.51	15.36	12.79	13.40	14.99	16.52	24.5		
Texas 27/	16.26	13.90	15.50	13.03	13.40	14.99	16.52	24.5		
Regional Average	16.14	13.78	15.45	12.94				24.5		
<u>Mountain</u>										
Eastern Colorado 28/	15.83	13.47	15.18	12.64	13.40	14.99		24.5		
Southwestern Idaho-Eastern Oreg. 29/	14.60	12.24	14.60	12.08	13.40	14.99	16.59	---		
Great Basin 30/	15.00	12.64	14.70	12.23	13.40	14.99		---		
Central Arizona 31/	15.62	13.26	15.12	12.55	13.40	14.99	16.59	24.5		
New Mexico-West Texas 32/	15.45	13.09	15.05	12.42	13.40	14.99	16.52	24.5		
Regional Average 11/	15.43	13.07	15.01	12.39				24.5		
<u>Pacific</u>										
Pacific Northwest 33/	15.00	12.64	15.24	12.08	13.40	14.99	16.59	---		
Regional Average	15.00	12.64	15.24	12.08						
22-Market Average 11/ 12/	15.59	13.24	15.16	12.51				24.5		
All-Market Average 11/	15.67	13.30	15.22	12.59	13.41			24.5		

See footnotes on pages 42 and 43.

TABLE 4--AVERAGE FEDERAL MILK ORDER CLASS I AND BLEND PRICES, BY MARKETING AREA, JANUARY-AUGUST, WITH COMPARISONS 1/

Federal milk order marketing area	Class I price per hundredweight			Blend price per hundredweight		
	1998	1997	Change 1998 over 1997	1998	1997	Change 1998 over 1997
<u>Dollars</u>						
<u>North Atlantic</u>						
New England	15.94	14.84	1.10	14.68	13.45	1.23
New York-New Jersey	15.85	14.73	1.12	14.47	13.14	1.33
Middle Atlantic	15.73	14.64	1.09	14.29	13.12	1.17
Regional Average	15.84	14.73	1.11	14.47	13.20	1.27
<u>Southeastern</u>						
Carolina	15.77	14.68	1.09	15.26	14.10	1.16
Tennessee Valley 2/	---	14.38	---	---	13.83	---
Southeast	15.80	14.68	1.12	15.24	13.96	1.28
Tampa Bay	16.61	15.50	1.11	15.97	14.81	1.16
Regional Average 3/ 4/	16.61	15.50	1.11	15.97	14.81	1.16
<u>East North Central</u>						
Michigan Upper Peninsula	14.03	12.91	1.12	13.77	12.62	1.15
Southern Michigan	14.45	13.34	1.11	13.76	12.49	1.27
East. Ohio-West. Pennsylvania	14.71	13.61	1.10	13.86	12.63	1.23
Ohio Valley	14.75	13.65	1.10	13.89	12.80	1.09
Indiana	14.61	13.51	1.10	14.00	12.89	1.11
Chicago Regional	14.07	12.99	1.08	13.09	11.85	1.24
Central Illinois	14.30	13.22	1.08	13.98	12.86	1.12
South. Illinois-East. Missouri	14.64	13.52	1.12	13.84	12.68	1.16
Louisville-Lexington-Evansville	14.81	13.72	1.09	14.41	13.29	1.12
Regional Average 3/	14.48	13.38	1.10	13.51	12.28	1.23

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See footnotes on page 44.

TABLE 4--AVERAGE FEDERAL MILK ORDER CLASS I AND BLEND PRICES, BY MARKETING AREA, JANUARY-AUGUST, WITH COMPARISONS 1/-CONT.

Federal milk order marketing area	Class I price per hundredweight			Blend price per hundredweight		
	1998	1997	Change 1998 over 1997	1998	1997	Change 1998 over 1997
	<u>Dollars</u>					
<u>West North Central</u>						
Upper Midwest	13.91	12.80	1.11	12.86	11.72	1.14
Iowa	14.38	13.19	1.19	13.25	12.16	1.09
Nebraska-Western Iowa	14.50	13.35	1.15	13.39	12.29	1.10
Greater Kansas City	---	---	---	14.47	13.35	1.12
Regional Average 3/ 4/	14.08	12.95	1.13	12.95	11.81	1.14
<u>West South Central</u>						
Southwest Plains	15.46	14.36	1.10	14.27	13.07	1.20
Texas	15.86	14.76	1.10	14.48	13.30	1.18
Regional Average	15.74	14.64	1.10	14.41	13.23	1.18
<u>Mountain</u>						
Eastern Colorado	15.43	14.32	1.11	14.18	12.87	1.31
Southwestern Idaho-Eastern Oreg.	14.21	13.10	1.11	12.51	11.64	0.87
Great Basin	14.60	13.49	1.11	13.72	12.38	1.34
Central Arizona	15.23	14.12	1.11	13.98	12.72	1.26
New Mexico-West Texas	15.07	13.94	1.13	13.49	12.46	1.03
Regional Average 4/	15.04	13.92	1.12	13.62	12.37	1.25
<u>Pacific</u>						
Pacific Northwest	14.61	13.50	1.11	13.82	12.36	1.46
Regional Average	14.61	13.50	1.11	13.82	12.36	1.46
22-Market Average 3/ 4/	15.22	14.11	1.11	13.92	12.66	1.26
All-Market Average 3/	15.28	14.17	1.11	14.02	12.78	1.24

See footnotes on page 44.

TABLE 5--NUMBER OF PRODUCERS DELIVERING MILK TO HANDLERS REGULATED UNDER FEDERAL ORDERS, TOTAL PRODUCER DELIVERIES, BUTTERFAT CONTENT OF PRODUCER DELIVERIES, AND AVERAGE DAILY DELIVERY PER PRODUCER, BY MARKETING AREA, JULY

Federal milk order marketing area	Number of producers		Total producer deliveries		Butterfat content of producer deliveries		Average daily delivery per producer	
	Jul 1998	Change from Jul 1997	Jul 1998	Jul 1997	Jul 1998	Jul 1997	Jul 1998	Jul 1997
			1,000 lbs.		Percent	Percent	Pounds	
<u>North Atlantic</u>								
New England 5/	3,201	675-	416,367	462,624	10.0-	3.56	4,196	3,850
New York-New Jersey	9,718	775-	1,014,547	1,028,492	1.4-	3.50	3,368	3,162
Middle Atlantic	4,786	70-	522,733	520,922	.3	3.51	3,523	3,460
Regional Average or Total	17,705	1,520-	1,953,647	2,012,038	2.9-	3.52		
<u>Southeastern</u>								
Carolina	2,154	472	247,804	223,352	10.9	3.52	3,711	4,284
Tennessee Valley 2/	---	---	---	111,660	---	---	---	2,351
Southeast	4,300	403	437,886	422,681	3.6	3.49	3,285	3,499
Florida Markets 6/	295	4-	220,945	225,740	2.1-	3.57	24,160	24,354
Regional Average or Total 3/	295	4-	220,945	225,740	2.1-	3.57		
<u>East North Central</u>								
Michigan Upper Peninsula 5/	73	8-	4,896	6,260	21.8-	3.46	2,163	2,493
Southern Michigan 5/	3,006	320-	372,364	384,168	3.1-	3.42	3,996	3,726
East. Ohio-West. Pennsylvania 5/	3,004	382-	257,898	279,596	7.8-	3.55	2,769	2,664
Ohio Valley 5/	2,022	586-	204,911	257,766	20.5-	3.51	3,269	3,188
Indiana 5/	1,400	278-	152,566	158,606	3.8-	3.46	3,515	3,049
Chicago Regional 5/	11,249	3,372-	547,297	1,313,729	58.3-	3.52	1,569	2,898
Central Illinois 5/	233	35	15,864	16,282	2.6-	3.50	2,196	2,653
South. Illinois-East. Missouri 5/	1,495	551-	125,264	176,789	29.1-	3.53	2,703	2,787
Louisville-Lexington-Evansville	1,672	78	105,960	93,771	13.0	3.46	2,044	1,898
Regional Average or Total 3/	22,482	5,462-	1,681,060	2,593,196	35.2-	3.50		

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See footnotes on page 44.

TABLE 5--NUMBER OF PRODUCERS DELIVERING MILK TO HANDLERS REGULATED UNDER FEDERAL ORDERS, TOTAL PRODUCER DELIVERIES, BUTTERFAT CONTENT OF PRODUCER DELIVERIES, AND AVERAGE DAILY DELIVERY PER PRODUCER, BY MARKETING AREA, JULY--CONT.

Federal milk order marketing area	Number of producers		Total producer deliveries		Butterfat content of producer deliveries		Average daily delivery per producer	
	Jul 1998	Change from Jul 1997	Jul 1998	Jul 1997	Jul 1998	Jul 1997	Jul 1998	Jul 1997
			<u>1,000 lbs.</u>		<u>Percent</u>	<u>Percent</u>	<u>Pounds</u>	
<u>West North Central</u>								
Upper Midwest 5/	9,401	1,412-	213,157	871,450	75.5-	3.54	2,978	2,744
Iowa 5/	1,392	1,800-	78,292	251,371	68.9-	3.50	3,460	2,957
Nebraska-Western Iowa 5/	580	689-	68,329	132,690	48.5-	3.54	5,046	3,854
Greater Kansas City-E. S. Dakota 5/ 7/	551	154	41,421	39,385	5.2	3.50	2,425	3,200
Regional Average or Total 3/	9,981	2,101-	281,486	1,004,140	72.0-	3.54		
<u>West South Central</u>								
Southwest Plains 5/	2,407	249-	206,744	281,904	26.7-	3.43	2,771	3,424
Texas 5/	1,514	15-	390,104	452,985	13.9-	3.41	8,312	9,557
Regional Average or Total	3,921	264-	596,848	734,889	18.8-	3.42		
<u>Mountain</u>								
East. Colorado-West. Colorado 5/ 7/	187	95-	88,813	147,172	39.7-	3.42	15,321	16,835
Southwestern Idaho-Eastern Ore. 5/	366	33-	32,537	268,595	87.9-	3.41	26,784	21,715
Great Basin	525	63-	170,955	208,283	17.9-	3.45	10,504	11,427
Central Arizona 5/	101	1-	195,298	187,535	4.1	3.49	62,376	59,309
New Mexico-West Texas 5/	73	74-	63,065	188,995	66.6-	3.29	27,868	41,474
Regional Average or Total	1,252	266-	550,668	1,000,580	45.0-	3.44		
<u>Pacific</u>								
Pacific Northwest 5/	1,144	114	566,420	496,826	14.0	3.56	15,972	15,560
Regional Average or Total	1,144	114	566,420	496,826	14.0	3.56		
25-Market Average or Total 3/	56,780	9,503-	5,851,074	8,067,409	27.5-	3.50	3,324	3,926
All-Market Average or Total	66,849	1,728-	6,762,437	9,209,629	26.6-	3.50	3,263	3,781

See footnotes on page 44.

TABLE 6--NUMBER OF PRODUCERS DELIVERING MILK TO HANDLERS REGULATED UNDER FEDERAL ORDERS, TOTAL PRODUCER DELIVERIES, BUTTERFAT CONTENT OF PRODUCER DELIVERIES, AND AVERAGE DAILY DELIVERY PER PRODUCER, BY MARKETING AREA, AUGUST

Federal milk order marketing area	Number of producers		Total producer deliveries			Butterfat content of producer deliveries		Average daily delivery per producer	
	Aug 1998	Change from Aug 1997	Aug 1998	Aug 1997	Change from Aug 1997	Aug 1998	Aug 1997	Aug 1998	Aug 1997
			1,000 lbs.		Percent	Percent		Pounds	
<u>North Atlantic</u>									
New England	3,834	90-	490,180	463,276	5.8	3.54	3.56	4,124	3,808
New York-New Jersey	9,691	718-	989,734	1,005,083	1.5-	3.53	3.53	3,294	3,115
Middle Atlantic	4,770	86-	502,460	509,777	1.4-	3.53	3.50	3,398	3,386
Regional Average or Total	18,295	894-	1,982,374	1,978,136	0.2	3.53	3.53		
<u>Southeastern</u>									
Carolina	2,096	465	251,488	220,284	14.2	3.54	3.53	3,870	4,357
Tennessee Valley 2/	---	---	---	121,720	---	---	3.45	---	2,354
Southeast	4,300	38-	464,931	447,413	3.9	3.51	3.47	3,488	3,327
Florida Markets 6/	290	24-	202,977	205,887	1.4-	3.61	3.54	22,578	21,151
Regional Average or Total 3/	290	24-	202,977	205,887	1.4-	3.61	3.54		
<u>East North Central</u>									
Michigan Upper Peninsula 5/	77	6	4,984	4,948	0.7	3.50	3.58	2,088	2,248
Southern Michigan 5/	3,022	243-	363,592	370,304	1.8-	3.44	3.48	3,881	3,659
East. Ohio-West. Pennsylvania 5/	2,989	408-	255,888	271,172	5.6-	3.57	3.57	2,762	2,575
Ohio Valley 5/	2,272	349-	213,254	243,476	12.4-	3.53	3.54	3,028	2,997
Indiana 5/	1,492	158-	150,436	157,903	4.7-	3.51	3.52	3,253	3,087
Chicago Regional 5/	13,026	2,175-	583,362	743,976	21.6-	3.55	3.60	1,445	1,579
Central Illinois 5/	206	8	15,592	15,635	.3-	3.55	3.52	2,442	2,547
South. Illinois-East. Missouri 5/	1,620	305-	126,436	141,516	10.7-	3.56	3.55	2,518	2,371
Louisville-Lexington-Evansville	1,643	51-	104,632	95,242	9.9	3.47	3.46	2,054	1,814
Regional Average or Total 3/	24,704	3,624-	1,713,544	1,948,930	12.1-	3.52	3.55		

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See footnotes on page 44.

TABLE 6--NUMBER OF PRODUCERS DELIVERING MILK TO HANDLERS REGULATED UNDER FEDERAL ORDERS, TOTAL PRODUCER DELIVERIES, BUTTERFAT CONTENT OF PRODUCER DELIVERIES, AND AVERAGE DAILY DELIVERY PER PRODUCER, BY MARKETING AREA, AUGUST--CONT.

Federal milk order marketing area	Number of producers		Total producer deliveries			Butterfat content of producer deliveries		Average daily delivery per producer	
	Aug 1998	Change from Aug 1997	Aug 1998	Aug 1997	Change from Aug 1997	Aug 1998	Aug 1997	Aug 1998	Aug 1997
			1,000 lbs.		Percent	Percent		Pounds	
<u>West North Central</u>									
Upper Midwest 5/	9,410	544-	214,118	257,928	17.0-	3.55	3.61	2,961	2,601
Iowa 5/	1,461	1,057-	77,496	148,066	47.7-	3.53	3.54	3,231	2,926
Nebraska-Western Iowa 5/	735	417-	71,082	126,068	43.6-	3.54	3.51	4,893	3,947
Greater Kansas City-E. S. Dakota 5/ 7/	576	153	40,796	40,668	0.3	3.60	3.51	2,285	3,101
Regional Average or Total 3/	10,145	961-	285,200	383,996	25.7-	3.55	3.58		
<u>West South Central</u>									
Southwest Plains 5/	2,122	441-	208,925	255,009	18.1-	3.48	3.50	3,282	3,210
Texas 5/	1,453	39-	381,170	442,183	13.8-	3.44	3.40	8,462	9,560
Regional Average or Total	3,575	480-	590,095	697,192	15.4-	3.45	3.44		
<u>Mountain</u>									
East, Colorado-West, Colorado 7/	239	40-	138,145	138,091	0.0	3.48	3.49	18,646	15,966
Southwestern Idaho-Eastern Ore. 5/	392	3-	36,984	131,045	71.8-	3.44	3.43	3,043	10,702
Great Basin 5/	502	84-	93,653	182,598	48.7-	3.50	3.47	6,018	10,052
Central Arizona	100	2-	163,296	174,685	6.5-	3.46	3.51	52,676	55,245
New Mexico-West Texas 5/	111	34-	107,255	168,991	36.5-	3.35	3.38	31,170	37,595
Regional Average or Total	1,344	163-	539,333	795,410	32.2-	3.45	3.46		
<u>Pacific</u>									
Pacific Northwest	1,145	91-	568,315	561,966	1.1	3.50	3.55	16,011	14,667
Regional Average or Total	1,145	91-	568,315	561,966	1.1	3.50	3.55		
25-Market Average or Total 3/	59,498	6,237-	5,881,838	6,571,517	10.5-	3.51	3.52	3,189	3,225
All-Market Average or Total	69,574	8,433-	6,821,181	7,644,910	10.8-	3.52	3.52	3,163	3,161

See footnotes on page 44.

TABLE 7--PRODUCER DELIVERIES OF MILK USED IN CLASS I AND GROSS CLASS I USE BY HANDLERS REGULATED UNDER
FEDERAL ORDERS, BY MARKETING AREA, JULY, WITH COMPARISONS

Federal milk order marketing area	Producer deliveries used in Class I			Class I utilization percentage		Gross Class I use	
	Jul 1998	Jul 1997	Change from Jul 1997	Jul 1998	Jul 1997	Jul 1998	Change from Jul 1997
	1,000 pounds	1,000 pounds	Percent	Percent	Percent	1,000 pounds	Percent
<u>North Atlantic</u>							
New England	221,414	203,986	8.5	53.2	44.1	235,640	7.7
New York-New Jersey	390,878	394,349	0.9-	38.5	38.3	390,878	.9-
Middle Atlantic	226,662	221,182	2.5	43.4	42.5	245,157	2.8
Regional Average or Total	838,954	819,517	2.4	42.9	40.7		
<u>Southeastern</u>							
Carolina	207,182	184,660	12.2	83.6	82.7	227,757	13.8
Tennessee Valley 2/	---	87,898	---	---	78.7	---	---
Southeast	378,277	327,151	15.6	86.4	77.4	422,190	17.0
Florida Markets 6/	197,625	197,617	0.0	89.4	87.5	219,458	2.2
Regional Average or Total 3/	197,625	197,617	0.0	89.4	87.5		
<u>East North Central</u>							
Michigan Upper Peninsula	4,643	4,247	9.3	94.8	67.8	4,781	5.2
Southern Michigan	170,308	162,165	5.0	45.7	42.2	185,296	3.4
East. Ohio-West. Pennsylvania	137,856	136,322	1.1	53.5	48.8	147,337	2.3
Ohio Valley	133,264	131,154	1.6	65.0	50.9	144,615	2.2
Indiana	98,154	94,038	4.4	64.3	59.3	113,763	7.2
Chicago Regional	246,956	208,062	18.7	45.1	15.8	270,024	17.8
Central Illinois	12,967	11,840	9.5	81.7	72.7	14,784	7.3
South. Illinois-East. Missouri	80,619	83,661	3.6-	64.4	47.3	90,891	0.0
Louisville-Lexington-Evansville	88,664	74,317	19.3	83.7	79.3	99,262	22.6
Regional Average or Total 3/	884,767	831,489	6.4	52.6	32.1		

CONTINUED

See footnotes on page 44.

TABLE 7--PRODUCER DELIVERIES OF MILK USED IN CLASS I AND GROSS CLASS I USE BY HANDLERS REGULATED UNDER FEDERAL ORDERS, BY MARKETING AREA, JULY, WITH COMPARISONS--CONT.

Federal milk order marketing area	Producer deliveries used in Class I			Class I utilization percentage		Gross Class I use	
	Jul 1998	Jul 1997	Change from Jul 1997	Jul 1998	Jul 1997	Jul 1998	Change from Jul 1997
	1,000 pounds		Percent	Percent		1,000 pounds	Percent
<u>West North Central</u>							
Upper Midwest	129,244	127,027	1.7	60.6	14.6	129,065	1.7
Iowa	48,644	74,037	34.3-	62.1	29.5	55,016	31.0-
Nebraska-Western Iowa	46,997	48,773	3.6-	68.8	36.8	52,503	2.8-
Greater Kansas City-E. S. Dak. 7/ 8/	---	---	---	---	---	---	---
Regional Average or Total 3/	176,241	175,800	0.3	62.6	17.5		
<u>West South Central</u>							
Southwest Plains	122,018	123,460	1.2-	59.0	43.8	131,880	0.9
Texas	268,319	260,178	3.1	68.8	57.4	268,491	2.9
Regional Average or Total	390,337	383,638	1.7	65.4	52.2		
<u>Mountain</u>							
East. Colorado-West. Colorado 7/	68,672	66,384	3.4	77.3	45.1	74,948	4.2
Southwestern Idaho-Eastern Oreg.	15,104	14,686	2.8	46.4	5.5	17,030	3.3
Great Basin	74,416	72,963	2.0	43.5	35.0	82,500	3.9
Central Arizona	82,000	81,964	0.0	42.0	43.7	87,965	0.9
New Mexico-West Texas	51,385	52,447	2.0-	81.5	27.8	53,451	.5-
Regional Average or Total	291,577	288,444	1.1	52.9	28.8		
<u>Pacific</u>							
Pacific Northwest	172,150	175,027	1.6-	30.4	35.2	185,434	1.1-
Regional Average or Total	172,150	175,027	1.6-	30.4	35.2		
25-Market Average or Total 3/ 8/	2,951,651	2,871,532	2.8	50.4	35.6		
All-Market Average or Total 8/	3,674,418	3,619,595	1.5	54.3	39.3		

See footnotes on page 44.

TABLE 8--PRODUCER DELIVERIES OF MILK USED IN CLASS I AND GROSS CLASS I USE BY HANDLERS REGULATED UNDER FEDERAL ORDERS, BY MARKETING AREA, AUGUST, WITH COMPARISONS

Federal milk order marketing area	Producer deliveries used in Class I			Class I utilization percentage		Gross Class I use	
	Aug 1998	Aug 1997	Change from Aug 1997	Aug 1998	Aug 1997	Aug 1998	Change from Aug 1997
	1,000 pounds	1,000 pounds	Percent	Percent	Percent	1,000 pounds	Percent
<u>North Atlantic</u>							
New England	225,765	211,425	6.8	46.1	45.6	242,714	7.1
New York-New Jersey	387,292	396,285	2.3-	39.1	39.4	387,292	2.3-
Middle Atlantic	229,266	245,387	6.6-	45.6	48.1	251,847	4.5-
Regional Average or Total	842,323	853,097	1.3-	42.5	43.1		
<u>Southeastern</u>							
Carolina	201,387	176,223	14.3	80.1	80.0	224,163	13.0
Tennessee Valley 2/	---	90,698	---	---	74.5	---	---
Southeast	385,734	343,834	12.2	83.0	76.8	437,431	16.0
Florida Markets 6/	179,353	181,086	1.0-	88.4	88.0	222,960	0.5
Regional Average or Total 3/	179,353	181,086	1.0-	88.4	88.0		
<u>East North Central</u>							
Michigan Upper Peninsula	4,358	4,494	3.0-	87.4	90.8	4,660	1.2-
Southern Michigan	179,894	174,636	3.0	49.5	47.2	197,239	2.8
East. Ohio-West. Pennsylvania	39,227	141,120	1.3-	54.4	52.0	150,100	.1-
Ohio Valley	135,176	133,166	1.5	63.4	54.7	150,047	2.3
Indiana	99,013	95,669	3.5	65.8	60.6	115,472	2.5
Chicago Regional	246,270	240,855	2.2	42.2	32.4	276,223	4.1
Central Illinois	12,475	12,077	3.3	80.0	77.2	15,283	6.5
South. Illinois-East. Missouri	84,547	87,697	3.6-	66.9	62.0	94,333	.5-
Louisville-Lexington-Evansville	82,431	70,588	16.8	78.8	74.1	99,783	20.4
Regional Average or Total 3/	900,960	889,714	1.3	52.6	45.7		

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See footnotes on page 44.

TABLE 8--PRODUCER DELIVERIES OF MILK USED IN CLASS I AND GROSS CLASS I USE BY HANDLERS REGULATED UNDER FEDERAL ORDERS, BY MARKETING AREA, AUGUST, WITH COMPARISONS--CONT.

Federal milk order marketing area	Producer deliveries used in Class I				Class I utilization percentage		Gross Class I use	
	Aug 1998	Aug 1997	Change from Aug 1997	Percent	Aug 1998	Aug 1997	Aug 1998	Change from Aug 1997
	1,000 pounds	1,000 pounds	Percent		Percent	Percent	1,000 pounds	Percent
<u>West North Central</u>								
Upper Midwest	131,339	131,853	0.4-		61.3	51.1	134,762	1.0
Iowa 8/	50,809	---	---		65.6	---	57,378	---
Nebraska-Western Iowa	48,117	51,269	6.1-		67.7	40.7	54,017	4.8-
Greater Kansas City-E. S. Dak. 7/ 8/	---	---	---		---	---	---	---
Regional Average or Total 3/	179,456	183,122	2.0-		62.9	47.7	---	---
<u>West South Central</u>								
Southwest Plains	127,781	124,884	2.3		61.2	49.0	136,778	2.5
Texas	274,873	274,455	0.2		72.1	62.1	277,039	0.3
Regional Average or Total	402,654	399,339	0.8		68.2	57.3	---	---
<u>Mountain</u>								
East. Colorado-West. Colorado 7/	68,195	67,095	1.6		49.4	48.6	74,809	1.6
Southwestern Idaho-Eastern Oreg.	14,598	15,627	6.6-		39.5	11.9	16,989	.5-
Great Basin	71,498	72,953	2.0-		76.3	40.0	78,040	1.6-
Central Arizona	81,587	85,127	4.2-		50.0	48.7	87,954	3.6-
New Mexico-West Texas	53,754	54,330	1.1-		50.1	32.1	54,552	1.8-
Regional Average or Total	289,632	295,132	1.9-		53.7	37.1	---	---
<u>Pacific</u>								
Pacific Northwest	170,306	172,003	1.0-		30.0	30.6	185,494	.3-
Regional Average or Total	170,306	172,003	1.0-		30.0	30.6	---	---
25-Market Average or Total 3/ 8/	2,964,684	2,973,493	0.3-		50.4	45.2	---	---
All-Market Average or Total 8/	3,685,045	3,654,836	0.8		54.0	47.8	---	---

See footnotes on page 44.

TABLE 9--PRODUCER DELIVERIES OF MILK USED IN CLASS II BY HANDLERS REGULATED UNDER FEDERAL ORDERS,
BY MARKETING AREA, JULY AND YEAR TO DATE

Federal milk order marketing area	Producer deliveries used in Class II		Class II utilization		Producer deliveries used in Class II		Class II utilization	
	Jul 1998	Jul 1997	Jul 1998	Jul 1997	Year to date 1998	Year to date 1997	Year to date 1998	Year to date 1997
	1,000 pounds		Percent		1,000 pounds		Percent	
<u>North Atlantic</u>								
New England	100,059	93,851	24.0	20.3	631,663	557,664	18.7	17.6
New York-New Jersey	156,151	162,898	15.4	15.8	1,065,958	1,104,539	15.0	16.0
Middle Atlantic	156,737	115,680	30.0	22.2	820,352	709,332	21.5	17.6
Regional Average or Total	412,947	372,429	21.1	18.5	2,517,973	2,371,535	17.6	16.9
<u>Southeastern</u>								
Carolina	35,875	32,268	14.5	14.4	248,282	238,932	14.3	14.5
Tennessee Valley 2/	---	15,139	---	13.6	---	100,652	---	12.1
Southeast	37,640	38,985	8.6	9.2	303,985	284,327	8.6	8.7
Florida Markets 6/	18,323	19,963	8.3	8.8	150,147	167,852	8.6	9.3
Regional Average or Total 3/	18,323	19,963	8.3	8.8	150,147	167,852	8.6	9.3
<u>East North Central</u>								
Michigan Upper Peninsula	99	612	2.0	9.8	1,225	2,883	3.3	7.3
Southern Michigan	90,372	99,704	24.3	26.0	536,838	619,353	21.2	23.6
East. Ohio-West. Pennsylvania	31,042	28,427	12.0	10.2	182,428	169,173	9.3	8.5
Ohio Valley	61,898	68,380	30.2	26.5	448,068	449,781	24.5	24.6
Indiana	45,843	51,184	30.0	32.3	284,272	288,409	24.3	24.6
Chicago Regional	105,900	94,112	19.3	7.2	540,515	535,113	7.1	6.5
Central Illinois	1,685	919	10.6	5.6	6,702	3,961	5.9	3.6
South. Illinois-East. Missouri	38,779	39,534	31.0	22.4	248,805	247,733	21.5	19.7
Louisville-Lexington-Evansville	12,793	12,351	12.1	13.2	92,360	73,004	11.4	11.0
Regional Average or Total 3/	375,618	382,872	22.3	14.8	2,248,853	2,316,406	13.7	13.4

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See footnotes on page 44.

TABLE 9--PRODUCER DELIVERIES OF MILK USED IN CLASS II BY HANDLERS REGULATED UNDER FEDERAL ORDERS,
BY MARKETING AREA, JULY AND YEAR TO DATE--CONT.

Federal milk order marketing area	Producer deliveries used in Class II		Class II utilization		Producer deliveries used in Class II		Class II utilization	
	Jul 1998	Jul 1997	Jul 1998	Jul 1997	Year to date 1998	Year to date 1997	Year to date 1998	Year to date 1997
	1,000 pounds	1,000 pounds	Percent	Percent	1,000 pounds	Percent	1,000 pounds	Percent
<u>West North Central</u>								
Upper Midwest	43,060	33,554	20.2	3.9	234,963	202,110	4.5	3.6
Iowa	11,508	12,075	14.7	4.8	85,427	73,776	4.6	4.3
Nebraska-Western Iowa	20,635	21,027	30.2	15.8	105,817	122,855	10.3	12.1
Greater Kansas City-E. S. Dak. 7/ 8/	---	---	---	---	---	---	---	---
Regional Average or Total 3/	63,695	54,581	22.6	5.4	340,780	324,965	5.4	4.9
<u>West South Central</u>								
Southwest Plains	44,285	52,650	21.4	18.7	254,625	264,677	14.3	14.1
Texas	109,650	96,361	28.1	21.3	748,025	685,874	20.6	17.1
Regional Average or Total	153,935	149,011	25.8	20.3	1,002,650	950,551	18.5	16.1
<u>Mountain</u>								
East. Colorado-West. Colorado 7/	18,291	18,626	20.6	12.7	118,427	112,468	12.5	10.7
Southwestern Idaho-Eastern Ore.	6,917	7,550	21.3	2.8	48,215	49,038	4.8	2.9
Great Basin	22,428	21,622	13.1	10.4	149,229	140,982	11.9	10.0
Central Arizona	19,293	17,994	9.9	9.6	108,736	106,385	7.0	7.2
New Mexico-West Texas	10,068	10,905	16.0	5.8	49,133	50,443	3.9	3.8
Regional Average or Total	76,997	76,697	14.0	7.7	473,740	459,316	7.9	6.6
<u>Pacific</u>								
Pacific Northwest	52,141	52,653	9.2	10.6	333,180	328,435	8.6	8.6
Regional Average or Total	52,141	52,653	9.2	10.6	333,180	328,435	8.6	8.6
25-Market Average or Total 3/ 8/	1,153,656	1,108,206	19.7	13.7	7,067,323	6,919,060	13.1	12.2
All-Market Average or Total 8/	1,251,472	1,219,024	18.5	13.2	7,797,377	7,689,751	12.5	11.8

See footnotes on page 44.

TABLE 10--PRODUCER DELIVERIES OF MILK USED IN CLASS II BY HANDLERS REGULATED UNDER FEDERAL ORDERS,
BY MARKETING AREA, AUGUST AND YEAR TO DATE

Federal milk order marketing area	Producer deliveries used in Class II		Class II utilization		Producer deliveries used in Class II		Class II utilization	
	Aug 1998	Aug 1997	Aug 1998	Aug 1997	Year to date 1998	Year to date 1997	Year to date 1998	Year to date 1997
	1,000 pounds		Percent		1,000 pounds		Percent	
<u>North Atlantic</u>								
New England	100,125	92,354	20.4	19.9	731,788	650,018	18.9	17.9
New York-New Jersey	154,423	173,062	15.6	17.2	1,220,381	1,277,601	15.0	16.2
Middle Atlantic	138,297	129,128	27.5	25.3	958,649	838,460	22.2	18.5
Regional Average or Total	392,845	394,544	19.8	19.9	2,910,818	2,766,079	17.9	17.2
<u>Southeastern</u>								
Carolina	35,060	27,971	13.9	12.7	283,342	266,903	14.3	14.3
Tennessee Valley 2/	---	16,851	---	13.8	---	117,503	---	12.3
Southeast	44,987	47,889	9.7	10.7	348,972	332,216	8.8	9.0
Florida Markets 6/	16,514	17,454	8.1	8.5	166,661	185,306	8.6	9.2
Regional Average or Total 3/	16,514	17,454	8.1	8.5	166,661	185,306	8.6	9.2
<u>East North Central</u>								
Michigan Upper Peninsula	168	132	3.4	2.7	1,393	3,015	3.3	6.7
Southern Michigan	93,995	95,947	25.9	25.9	630,833	715,300	21.8	23.9
East. Ohio-West. Pennsylvania	29,589	20,188	11.6	7.4	212,017	189,361	9.5	8.4
Ohio Valley	64,690	62,917	30.3	25.8	512,758	512,698	25.1	24.7
Indiana	41,885	44,984	27.8	28.5	326,157	333,393	24.7	25.0
Chicago Regional	107,216	96,317	18.4	12.9	647,731	631,430	8.0	7.0
Central Illinois	1,284	1,255	8.2	8.0	7,986	5,216	6.2	4.1
South. Illinois-East. Missouri	35,077	37,299	27.7	26.4	283,882	285,032	22.2	20.4
Louisville-Lexington-Evansville	15,953	14,855	15.2	15.6	108,313	87,859	11.8	11.6
Regional Average or Total 3/	373,904	359,039	21.8	18.4	2,622,757	2,675,445	14.5	13.9

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See footnotes on page 44.

TABLE 10--PRODUCER DELIVERIES OF MILK USED IN CLASS II BY HANDLERS REGULATED UNDER FEDERAL ORDERS,
BY MARKETING AREA, AUGUST AND YEAR TO DATE--CONT.

Federal milk order marketing area	Producer deliveries used in Class II		Class II utilization		Producer deliveries used in Class II		Class II utilization	
	Aug 1998	Aug 1997	Aug 1998	Aug 1997	Year to date 1998	Year to date 1997	Year to date 1998	Year to date 1997
	1,000 pounds		Percent		1,000 pounds		Percent	
<u>West North Central</u>								
Upper Midwest	43,086	39,424	20.1	15.3	278,049	241,534	5.1	4.1
Iowa 8/	11,108	---	14.3	---	96,535	73,776	5.0	4.0
Nebraska-Western Iowa	19,507	19,385	27.4	15.4	125,324	142,240	11.4	12.5
Greater Kansas City-E. S. Dak. 7/ 8/	---	---	---	---	---	---	---	---
Regional Average or Total 3/	62,593	58,809	21.9	15.3	403,373	383,774	6.2	5.5
<u>West South Central</u>								
Southwest Plains	34,750	40,026	16.6	15.7	289,375	304,703	14.5	14.3
Texas	90,245	102,930	23.7	23.3	838,270	788,804	20.9	17.7
Regional Average or Total	124,995	142,956	21.2	20.5	1,127,645	1,093,507	18.8	16.6
<u>Mountain</u>								
East, Colorado-West, Colorado 7/	18,818	18,942	13.6	13.7	137,245	131,410	12.6	11.0
Southwestern Idaho-Eastern Oreg.	7,257	7,192	19.6	5.5	55,472	56,230	5.3	3.1
Great Basin	14,196	20,278	15.2	11.1	163,425	161,260	12.1	10.2
Central Arizona	22,253	18,353	13.6	10.5	130,989	124,738	7.6	7.6
New Mexico-West Texas	12,590	8,942	11.7	5.3	61,723	59,385	4.6	3.9
Regional Average or Total	75,114	73,707	13.9	9.3	548,854	533,023	8.4	6.9
<u>Pacific</u>								
Pacific Northwest	54,136	51,825	9.5	9.2	387,316	380,260	8.8	8.7
Regional Average or Total	54,136	51,825	9.5	9.2	387,316	380,260	8.8	8.7
25-Market Average or Total 3/ 8/	1,100,101	1,098,334	18.7	16.7	8,167,424	8,017,394	13.6	12.7
All-Market Average or Total 8/	1,207,209	1,205,900	17.7	15.8	9,004,586	8,895,651	13.0	12.3

See footnotes on page 44.

TABLE 11--TOTAL PRODUCER DELIVERIES OF MILK AND PRODUCER DELIVERIES USED IN CLASS I BY HANDLERS REGULATED UNDER FEDERAL ORDERS, BY MARKETING AREA, JANUARY-AUGUST, WITH COMPARISONS

Federal milk order marketing area	Total producer deliveries			Producer deliveries used in Class I			Class I utilization	
	1998	1997	Change 1998 from 1997	1998	1997	Change 1998 from 1997	1998	1997
	1,000 pounds	1,000 pounds	Percent	1,000 pounds	1,000 pounds	Percent	Percent	Percent
<u>North Atlantic</u>								
New England 5/	3,874,136	3,625,277	6.9	1,769,686	1,690,932	4.7	45.7	46.6
New York-New Jersey	8,113,160	7,888,353	2.8	3,163,995	3,043,676	4.0	39.0	38.6
Middle Atlantic	4,315,508	4,535,287	4.8-	1,781,857	1,973,658	9.7-	41.3	43.5
Regional Average or Total	16,302,804	16,048,917	1.6	6,715,538	6,708,266	0.1	41.2	41.8
<u>Southeastern</u>								
Carolina	1,987,288	1,869,504	6.3	1,605,616	1,456,003	10.3	80.8	77.9
Tennessee Valley 2/	---	953,075	---	---	730,345	---	---	76.6
Southeast	3,986,489	3,697,568	7.8	3,115,034	2,683,870	16.1	78.1	72.6
Florida Markets 6/	1,944,741	2,009,972	3.2-	1,669,117	1,668,350	0.0	85.8	83.0
Regional Average or Total 3/	1,944,741	2,009,972	3.2-	1,669,117	1,668,350	0.0	85.8	83.0
<u>East North Central</u>								
Michigan Upper Peninsula 5/	42,245	44,680	5.4-	34,008	33,534	1.4	80.5	75.1
Southern Michigan 5/	2,899,154	2,995,456	3.2-	1,350,058	1,325,899	1.8	46.6	44.3
East. Ohio-West. Pennsylvania 5/	2,226,535	2,262,363	1.6-	1,125,536	1,141,760	1.4-	50.6	50.5
Ohio Valley 5/	2,045,776	2,074,521	1.4-	1,080,851	1,095,497	1.3-	52.8	52.8
Indiana 5/	1,318,781	1,332,575	1.0-	800,233	804,423	.5-	60.7	60.4
Chicago Regional 5/	8,143,993	9,007,418	9.6-	1,780,310	1,787,509	.4-	21.9	19.8
Central Illinois 5/	129,733	126,852	2.3	100,719	98,101	2.7	77.6	77.3
South. Illinois-East. Missouri 5/	1,281,257	1,397,639	8.3-	674,950	687,920	1.9-	52.7	49.2
Louisville-Lexington-Evansville	914,705	758,684	20.6	705,391	581,497	21.3	77.1	76.6
Regional Average or Total 3/	18,087,474	19,241,504	6.0-	6,946,685	6,974,643	.4-	38.4	36.2

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See footnotes on page 44.

TABLE 11--TOTAL PRODUCER DELIVERIES OF MILK AND PRODUCER DELIVERIES USED IN CLASS I BY HANDLERS REGULATED UNDER FEDERAL ORDERS, BY MARKETING AREA, JANUARY-AUGUST, WITH COMPARISONS--CONT.

Federal milk order marketing area	Total producer deliveries			Producer deliveries used in Class I			Class I utilization	
	1998	1997	Change 1998 from 1997	1998	1997	Change 1998 from 1997	1998	1997
	1,000 pounds	1,000 pounds	Percent	1,000 pounds	Percent	Percent	Percent	Percent
<u>West North Central</u>								
Upper Midwest 5/	5,437,230	5,896,690	7.8-	1,045,953	1,044,701	0.1	19.2	17.7
Iowa 5/	1,921,463	1,863,564	3.1	568,474	500,818	13.5	29.6	26.9
Nebraska-Western Iowa 5/	1,102,300	1,138,957	3.2-	416,712	402,541	3.5	37.8	35.3
Greater Kansas City-E. S. Dak. 5/ 7/ 8/	351,547	334,501	5.1	---	---	---	---	---
Regional Average or Total 3/	6,539,530	7,035,647	7.1-	1,462,665	1,447,242	1.1	22.4	20.6
<u>West South Central</u>								
Southwest Plains 5/	1,992,279	2,133,045	6.6-	933,355	970,973	3.9-	46.8	45.5
Texas 5/	4,005,881	4,464,128	10.3-	2,122,191	2,187,729	3.0-	53.0	49.0
Regional Average or Total	5,998,160	6,597,173	9.1-	3,055,546	3,158,702	3.3-	50.9	47.9
<u>Mountain</u>								
East. Colorado-West. Colorado 5/	1,088,717	1,191,099	8.6-	545,720	533,192	2.3	50.1	44.8
Southwestern Idaho-Eastern Ore 5/	1,046,465	1,834,423	43.0-	120,966	120,950	0.0	11.6	6.6
Great Basin 5/	1,345,444	1,585,440	15.1-	582,932	574,749	1.4	43.3	36.3
Central Arizona	1,725,614	1,649,069	4.6	657,787	674,745	2.5-	38.1	40.9
New Mexico-West Texas 5/	1,355,831	1,513,406	10.4-	422,697	427,964	1.2-	31.2	28.3
Regional Average or Total	6,562,071	7,773,437	15.6-	2,330,102	2,331,600	.1-	35.5	30.0
<u>Pacific</u>								
Pacific Northwest 5/	4,422,497	4,377,793	1.0	1,384,640	1,402,362	1.3-	31.3	32.0
Regional Average or Total	4,422,497	4,377,793	1.0	1,384,640	1,402,362	1.3-	31.3	32.0
25-Market Average 3/ 8/	59,857,277	63,084,443	5.1-	23,564,293	23,691,165	.5-	39.4	37.6
All Market Average 8/	69,018,769	72,561,339	4.9-	29,558,808	29,643,698	.3-	42.8	40.9

See footnotes on page 44.

TABLE 12-WHOLE MILK PRODUCTS AND FAT-REDUCED MILK PRODUCTS SOLD IN MARKETING AREAS DEFINED BY FEDERAL MILK ORDERS FOR MARKETS WHERE SUCH INFORMATION IS AVAILABLE, JUNE 1998, WITH COMPARISONS 1/

Marketing area	Whole milk products 2/					Fat-reduced milk products 3/					Total fluid milk products				
	Jun 1998		Change 1998 from 1997		Year to date	Jun 1998		Change 1998 from 1997		Year to date	Jun 1998		Change 1998 from 1997		Year to date
	Sales	Butter-fat content	Jun	Percent		Sales	Butter-fat content	Jun	Percent		Sales	Butter-fat content	Jun	Percent	
	Mil. lb.					Mil. lb.					Mil. lb.				
<u>North Atlantic</u>															
New England	80.4	3.17	2.9	0.3-		124.1	1.05	3.7	1.4-		204.5	1.88	3.4	1.0-	
Middle Atlantic	79.3	3.25	0.4	2.6-		140.3	1.16	3.9	0.8		219.6	1.91	2.6	0.4-	
Regional Total	159.7	3.21	1.6	1.5-		264.4	1.11	3.8	0.2-		424.1	1.90	3.0	0.7-	
<u>Southeastern</u>															
Carolina	70.9	3.22	3.8-	9.8-		88.0	1.20	11.1	8.1		158.9	2.10	3.9	0.3-	
Tennessee Valley 4/	---	---	---	---		---	---	---	---		---	---	---	---	
Southeast	158.4	3.28	2.7	1.0-		196.5	1.30	0.9	1.6-		355.0	2.18	1.7	1.3-	
Upper Florida	28.3	3.33	11.6	3.7		40.2	1.16	0.2	4.9-		68.4	2.06	4.6	1.7-	
Tampa Bay	28.6	3.33	3.7	1.7		40.0	1.10	5.0	0.5		68.6	2.04	4.5	1.0	
Southeastern Florida	39.4	3.31	6.1	1.5		36.4	1.09	3.9	0.3-		75.8	2.24	5.0	0.6	
Regional Total 5/	325.6	3.28	2.4	2.1-		401.1	1.22	3.6	0.3		726.7	2.15	3.0	0.7-	
<u>East North Central</u>															
Michigan Upper Peninsula	0.9	3.29	7.8-	10.6-		6.6	1.32	9.5	1.3-		7.5	1.56	7.0	2.5-	
Southern Michigan	47.8	3.12	15.1	3.2		98.8	1.25	1.9	2.6-		146.6	1.86	5.8	0.9-	
E. Ohio-W. Pa.	34.1	3.24	2.5	4.6-		96.0	1.40	3.8	2.9-		130.2	1.88	3.5	3.3-	
Ohio Valley	39.4	3.23	5.1	1.1-		101.5	1.43	0.9-	1.8-		141.0	1.93	0.7	1.6-	
Indiana	19.0	3.28	9.1	0.8-		71.1	1.37	4.7	1.4-		90.1	1.78	5.6	1.3-	
Chicago Regional	45.0	3.28	7.5	0.3		166.6	1.27	6.5	0.1		211.6	1.70	6.7	0.1	
Central Illinois	2.8	3.28	5.0	4.9		12.9	1.34	6.7	1.2		15.7	1.68	6.4	1.8	
S. Ill.-E. Missouri	16.5	3.21	13.1	6.8		53.8	1.36	4.7	0.9-		70.3	1.80	6.6	0.7	
Louis.-Lex.-Evans	14.2	3.28	8.6	3.6		35.8	1.41	0.2	2.0-		50.0	1.94	2.4	0.6-	
Regional Total	219.7	3.22	8.3	0.4		643.1	1.34	3.5	1.4-		862.9	1.82	4.7	1.0-	

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See footnotes on pages 44 and 45.

TABLE 12--WHOLE MILK PRODUCTS AND FAT-REDUCED MILK PRODUCTS SOLD IN MARKETING AREAS DEFINED BY FEDERAL MILK ORDERS FOR MARKETS WHERE SUCH INFORMATION IS AVAILABLE, JUNE 1998, WITH COMPARISONS 1/--CONT.

Marketing area	Whole milk products 2/				Fat-reduced milk products 3/				Total fluid milk products			
	Jun 1998		Change 1998 from 1997		Jun 1998		Change 1998 from 1997		Jun 1998		Change 1998 from 1997	
	Sales	Butter-fat content	Jun	Year to date	Sales	Butter-fat content	Jun	Year to date	Sales	Butter-fat content	Jun	Year to date
	Mil. lb.		Percent		Mil. lb.		Percent		Mil. lb.		Percent	
<u>West North Central</u>												
Upper Midwest	10.9	3.14	0.7-	3.5-	105.0	1.05	7.1	0.4-	115.9	1.25	6.3	0.7-
Eastern South Dakota	0.9	3.25	10.6	6.2	7.8	1.27	7.9	3.5	8.7	1.48	8.2	3.8
Iowa	7.1	3.29	4.9	0.2-	44.6	1.20	4.4	0.6-	51.7	1.49	4.5	0.6-
Nebraska-Western Iowa	6.7	3.26	6.2	0.3-	29.3	1.20	4.7	1.3-	36.0	1.58	5.0	1.1-
Greater Kansas City	10.7	3.25	5.0	0.7	30.1	1.31	5.4	0.9	40.8	1.82	5.3	0.9
Regional Total	36.3	3.23	3.6	0.8-	216.8	1.15	6.0	0.2-	253.2	1.44	5.6	0.3-
<u>West South Central</u>												
Southwest Plains	38.8	3.28	6.1	0.1	54.3	1.39	1.3	1.4-	93.1	2.18	3.2	0.8-
Texas	127.8	3.29	4.2	0.5-	129.2	1.30	3.1	0.7	257.0	2.29	3.6	0.2
Regional Total	166.5	3.29	4.6	0.3-	183.5	1.33	2.6	0.1	350.1	2.26	3.5	0.1-
<u>Mountain</u>												
Eastern Colorado	16.3	3.29	4.6	0.3-	41.0	1.32	4.0	1.4-	57.3	1.88	4.2	1.1-
Western Colorado	1.8	3.25	10.6	9.7	4.8	1.40	5.2	3.7	6.6	1.89	6.6	5.2
SW. Idaho-E. Oregon	2.7	3.28	3.7	2.8	11.1	1.50	1.2-	2.1	13.7	1.85	0.3-	2.2
Great Basin	16.5	3.30	7.2	1.3	57.9	1.41	6.4	1.2	74.4	1.83	6.6	1.2
Central Arizona	23.8	3.38	6.3	2.7	47.6	1.37	3.4-	5.4-	71.4	2.04	0.4-	3.0-
New Mex.-W. Texas	31.8	3.22	15.7	1.7-	17.9	1.06	14.0-	2.0-	49.7	2.44	2.9	1.8-
Regional Total	92.8	3.29	9.2	0.6	180.3	1.35	0.3	1.5-	273.1	2.01	3.2	0.9-
<u>Pacific</u>												
Pacific Northwest	30.6	3.32	4.6	3.9	145.3	1.36	1.5-	2.1-	175.9	1.70	0.5-	1.2-
Regional Total	30.6	3.32	4.6	3.9	145.3	1.36	1.5-	2.1-	175.9	1.70	0.5-	1.2-
Combined Areas (39) 5/6/	1,031.2	3.26	4.5	0.8-	2,034.6	1.27	3.1	0.7-	3,065.9	1.94	3.5	0.7-
Combined Areas Adj. for Calendar Composition 7/	1,015.6	---	0.8	0.9-	2,011.1	---	0.2	0.8-	3,023.6	---	0.2	0.8-
New York-New Jersey 8/	171.6	---	---	---	169.7	---	---	---	341.3*	---	2.8	1.5-

See footnotes on pages 44 and 45.

TABLE 13--WHOLE MILK PRODUCTS AND FAT-REDUCED MILK PRODUCTS SOLD IN MARKETING AREAS DEFINED BY FEDERAL MILK ORDERS FOR MARKETS WHERE SUCH INFORMATION IS AVAILABLE, JULY 1998, WITH COMPARISONS 1/

Marketing area	Whole milk products 2/				Fat-reduced milk products 3/				Total fluid milk products			
	Jul 1998		Change 1998 from 1997		Jul 1998		Change 1998 from 1997		Jul 1998		Change 1998 from 1997	
	Sales	Butter-fat content	Jul	Year to date	Sales	Butter-fat content	Jul	Year to date	Sales	Butter-fat content	Jul	Year to date
	Mil. lb.		Percent		Mil. lb.		Percent		Mil. lb.		Percent	
<u>North Atlantic</u>												
New England	81.9	3.17	2.1	0.0	121.8	1.06	0.0	1.2-	203.7	1.91	0.8	0.8-
Middle Atlantic	83.2	3.24	1.7	2.0-	140.3	1.16	0.0	0.7	223.5	1.94	0.7	0.3
Regional Total	165.1	3.21	1.9	1.0-	262.1	1.11	0.0	0.2-	427.2	1.92	0.7	0.5-
<u>Southeastern</u>												
Carolina	78.1	3.20	2.3-	8.7-	89.3	1.17	4.7	7.6	167.4	2.12	1.3	0.1-
Tennessee Valley 4/	---	---	---	---	---	---	---	---	---	---	---	---
Southeast	166.8	3.27	0.4-	0.9-	200.6	1.31	1.2	1.2-	367.4	2.20	0.5	1.1-
Upper Florida	30.3	3.34	13.1	5.1	42.1	1.18	2.7	3.9-	72.4	2.08	6.8	0.5-
Tampa Bay	29.7	3.32	2.7	1.9	39.7	1.13	1.1-	0.3	69.5	2.07	0.5	0.9
Southeastern Florida	39.8	3.32	0.8	1.4	37.2	1.09	2.8	0.1	76.9	2.24	1.8	0.7
Regional Total 5/	344.8	3.27	0.6	1.7-	408.9	1.23	2.0	0.6	753.7	2.16	1.4	0.4-
<u>East North Central</u>												
Michigan Upper Peninsula	1.0	3.27	13.3-	11.1-	7.3	1.31	3.3	0.6-	8.3	1.56	0.9	2.0-
Southern Michigan	48.4	3.17	7.6	3.8	102.2	1.25	2.0	2.0-	150.6	1.87	3.8	0.3-
E. Ohio-W. Pa.	35.0	3.24	0.0	4.0-	97.9	1.41	2.8	2.1-	132.8	1.89	2.0	2.6-
Ohio Valley	40.4	3.23	0.1-	0.9-	104.0	1.45	3.7-	2.1-	144.5	1.95	2.7-	1.8-
Indiana	20.0	3.30	6.9	0.2	74.7	1.40	6.3	0.4-	94.6	1.80	6.4	0.2-
Chicago Regional	46.1	3.27	2.8	0.6	169.2	1.26	1.0	0.2	215.3	1.69	1.4	0.3
Central Illinois	2.8	3.27	0.8	4.3	13.4	1.25	5.3	1.7	16.3	1.60	4.4	2.1
S. Ill.-E. Missouri	16.8	3.21	9.5	7.2	54.5	1.38	2.0	0.5-	71.3	1.81	3.7	1.1
Louis.-Lex.-Evans	15.1	3.29	10.3	4.6	37.7	1.42	0.1-	1.8-	52.9	1.95	2.7	0.1-
Regional Total	225.6	3.24	4.0	0.9	660.9	1.35	1.3	1.1-	886.6	1.83	2.0	0.6-

See footnotes on pages 44 and 45.

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TABLE 13--WHOLE MILK PRODUCTS AND FAT-REDUCED MILK PRODUCTS SOLD IN MARKETING AREAS DEFINED BY FEDERAL MILK ORDERS FOR MARKETS WHERE SUCH INFORMATION IS AVAILABLE, JULY 1998, WITH COMPARISONS 1/-CONT.

Marketing area	Whole milk products 2/				Fat-reduced milk products 3/				Total fluid milk products			
	Jul 1998		Change 1998 from 1997		Jul 1998		Change 1998 from 1997		Jul 1998		Change 1998 from 1997	
	Sales	Butter-fat content	Jul	Year to date	Sales	Butter-fat content	Jul	Year to date	Sales	Butter-fat content	Jul	Year to date
	Mil. lb.		Percent		Mil. lb.		Percent		Mil. lb.		Percent	
<u>West North Central</u>												
Upper Midwest	12.8	3.27	6.0	2.1-	106.9	1.06	1.9	0.1-	119.6	1.30	2.4	0.3-
Eastern South Dakota	1.0	3.23	5.9	6.2	8.1	1.24	8.2	4.1	9.1	1.45	7.9	4.3
Iowa	7.2	3.29	0.1	0.2-	45.6	1.21	2.2	0.3-	52.8	1.49	1.9	0.3-
Nebraska-Western Iowa	7.0	3.23	2.3	0.0	29.5	1.20	0.0	1.1-	36.5	1.59	0.5	0.9-
Greater Kansas City	11.5	3.24	4.1	1.2	31.5	1.32	2.8	1.2	43.1	1.84	3.2	1.2
Regional Total	39.5	3.26	3.7	0.2-	221.6	1.16	2.1	0.1	261.0	1.47	2.3	0.0
<u>West South Central</u>												
Southwest Plains	40.3	3.26	1.8	0.4	56.7	1.39	0.3	1.1-	97.0	2.17	0.9	0.6-
Texas	134.0	3.30	2.5	0.0	132.8	1.31	2.5	1.0	266.8	2.31	2.5	0.5
Regional Total	174.3	3.29	2.4	0.1	189.5	1.33	1.9	0.3	363.8	2.27	2.1	0.2
<u>Mountain</u>												
Eastern Colorado	16.9	3.28	0.6	0.2-	41.9	1.32	0.6-	1.3-	58.7	1.89	0.2-	1.0-
Western Colorado	1.9	3.27	12.2	10.0	5.3	1.39	5.1	3.9	7.2	1.89	6.9	5.4
SW. Idaho-E. Oregon	2.7	3.29	9.0-	0.9	11.1	1.46	3.6-	1.3	13.8	1.81	4.7-	1.2
Great Basin	17.4	3.31	5.9	1.9	61.0	1.41	4.1	1.6	78.4	1.83	4.5	1.7
Central Arizona	26.0	3.07	10.6	3.8	49.8	1.39	2.9-	5.1-	75.8	1.96	1.3	2.4-
New Mex.-W. Texas	29.1	3.35	2.8-	1.8-	23.1	1.41	4.2	1.1-	52.2	2.49	0.2	1.5-
Regional Total	93.9	3.25	2.9	0.9	192.1	1.39	0.7	1.2-	286.0	2.00	1.5	0.5-
<u>Pacific</u>												
Pacific Northwest	31.7	3.31	3.9	3.9	146.7	1.36	2.1-	2.1-	178.4	1.71	1.1-	1.2-
Regional Total	31.7	3.31	3.9	3.9	146.7	1.36	2.1-	2.1-	178.4	1.71	1.1-	1.2-
Combined Areas (30) 5/6/	1,074.9	3.26	2.2	0.3-	2,081.8	1.28	1.1	0.5-	3,156.7	1.95	1.5	0.4-
Combined Areas Adj. for Calendar Composition 7/	1,061.6	---	1.6	-0.5	2,064.6	---	0.8	0.6-	3,123.4	---	1.0	0.6-
New York-New Jersey 8/	173.3	---	---	---	167.2	---	---	---	340.5	---	0.1-	1.3-

See footnotes on pages 44 and 45.

TABLE 14--PACKAGED SALES OF INDIVIDUAL WHOLE MILK PRODUCTS AND FAT-REDUCED MILK PRODUCTS IN SELECTED MARKETING AREAS
DEFINED BY FEDERAL MILK ORDERS, JANUARY 1998 TO DATE, WITH COMPARISONS 1/6/97

Product Name	January			February			March		
	Sales	Bf. content	Change 1998 from 1997		Sales	Bf. content	Change 1998 from 1997		Change 1998 from 1997
			Percent	Year to date			Percent	Year to date	
Whole Milk Products 2/	Mil. lb.				Mil. lb.				Percent
Whole Milk	1,086	3.25	3.1-	3.1-	966	3.27	0.9-	2.1-	0.3
Flavored Whole Milk Products	1,039	3.24	3.4-	3.4-	922	3.26	1.4-	2.5-	0.0
	47	3.46	4.5	4.5	44	3.53	11.8	8.0	8.6
Fat-Reduced Milk Products 3/									
Reduced Fat Milk (2%)	2,342	1.26	1.4-	1.4-	2,100	1.25	0.5-	1.0-	1.2
Lowfat Milk (1%)	1,139	1.97	3.3-	3.3-	1,014	1.97	2.0-	2.7-	0.6-
Fat-Free Milk (Skim)	372	0.99	2.3-	2.3-	328	0.99	2.0-	2.2-	0.5
Flavored Fat-Reduced Milk Products	594	0.15	0.7	0.7	540	0.15	2.6	1.6	1.7
Buttermilk	184	1.04	7.6	7.6	169	1.03	3.1	5.4	16.1
	42	1.08	3.3-	3.3-	39	1.08	2.4-	2.9-	1.8-
Total Fluid Milk Products	3,428	1.89	1.9-	1.9-	3,066	1.89	0.6-	1.3-	0.9-
Total Adjusted for Calendar Composition 7/	3,376	1.89	2.4-	2.4-	3,066	1.89	0.6-	1.5-	0.5-
Product Name									
Whole Milk Products 2/									June
Whole Milk	1,015	3.26	1.4-	1.3-	1,022	3.26	3.6-	1.8-	4.5
Flavored Whole Milk Products	964	3.25	1.9-	1.7-	971	3.25	4.1-	2.2-	3.3
	50	3.47	7.8	8.1	51	3.46	7.7	8.0	29.9
Fat-Reduced Milk Products 3/									
Reduced Fat Milk (2%)	2,173	1.25	2.2-	0.7-	2,178	1.25	3.9-	1.4-	3.1
Lowfat Milk (1%)	1,053	1.96	2.9-	2.2-	1,051	1.97	5.7-	2.9-	1.6
Fat-Free Milk (Skim)	344	0.99	1.2-	1.3-	347	0.99	2.3-	1.5-	3.1
Flavored Fat-Reduced Milk Products	559	0.15	0.6-	1.1	564	0.15	2.0-	0.5	3.9
Buttermilk	166	1.05	4.9-	5.2	163	1.05	1.6-	3.9	15.5
	41	1.09	2.2-	2.4-	41	1.09	5.3-	3.0-	9.7
Total Fluid Milk Products	3,187	1.89	2.0-	0.9-	3,199	1.89	3.8-	1.5-	3.5
Total Adjusted for Calendar Composition 7/	3,185	1.89	1.8-	1.1-	3,245	1.89	1.0-	1.0-	0.2

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See footnotes on pages 44 and 45.

TABLE 14--PACKAGED SALES OF INDIVIDUAL WHOLE MILK PRODUCTS AND FAT-REDUCED MILK PRODUCTS IN SELECTED MARKETING AREAS
DEFINED BY FEDERAL MILK ORDERS, JANUARY 1998 TO DATE, WITH COMPARISONS 1/6/97/-CONT.

Product Name	July				August				September			
	Sales	Bf. con- tent	Change 1998 from 1997		Sales	Bf. con- tent	Change 1998 from 1997		Sales	Bf. con- tent	Change 1998 from 1997	
			Month	Year to date			Month	Year to date			Month	Year to date
	Mil. lb.		Percent		Mil. lb.		Percent		Mil. lb.		Percent	
Whole Milk Products 2/	1,075	3.26	2.2-	0.3-								
Whole Milk	1,019	3.25	1.8	0.9-								
Flavored Whole Milk Products	55	3.45	11.4	11.6								
Fat-Reduced Milk Products 3/	2,082	1.28	1.1	0.5-								
Reduced Fat Milk (2%)	1,060	1.97	1.1-	2.1-								
Lowfat Milk (1%)	344	1.96	5.4	0.1								
Fat-Free Milk (Skim)	561	0.15	1.8	1.1								
Flavored Fat-Reduced Milk Products	61	1.26	8.3	5.0								
Buttermilk	42	1.11	0.9	0.7-								
Total Fluid Milk Products	3,157	1.95	1.5	0.4-								
Total Adjusted for Calendar Composition 7/	3,123	1.95	1.0	0.6-								

See footnotes on pages 44 and 45.

TABLE 15--PACKAGED SALES OF WHOLE MILK PRODUCTS, FAT-REDUCED MILK PRODUCTS, MILK AND CREAM MIXTURES, CREAM PRODUCTS, AND TOTAL FLUID PRODUCTS BY HANDLERS REGULATED UNDER FEDERAL MILK ORDERS, GROUPED BY REGION, JUNE 1998, WITH COMPARISONS 10/

Region 11/	Whole milk products 2/			Fat-reduced milk products 3/			Milk and cream mixtures			Cream products 12/			Total fluid products 13/		
	Sales	Bf. Content	Change 1998 from 1997 11/	Sales	Bf. Content	Change 1998 from 1997 11/	Sales	Bf. Content	Change 1998 from 1997 11/	Sales	Bf. Content	Change 1998 from 1997 11/	Sales	Bf. Content	Change 1998 from 1997 11/
	Mil. lb.	Percent	Percent	Mil. lb.	Percent	Percent	Mil. lb.	Percent	Percent	Mil. lb.	Percent	Percent	Mil. lb.	Percent	Percent
North Atlantic	150	3.29	8.9-	265	1.11	2.0-	7.6	11.1	6.4	10.1	22.7	6.2	446	2.49	3.1-
Southeastern	346	3.27	7.1	426	1.23	2.8	6.9	11.9	7.9	7.3	24.0	12.9	791	2.42	4.5
East North Central	243	3.23	10.3	698	1.35	8.5	10.3	10.9	.9-	25.0	19.5	23.1	1,024	2.37	8.0
West North Central	34	3.22	6.5-	212	1.14	3.5-	3.0	10.7	3.7	8.5	20.0	3.0	260	2.14	3.6-
West South Central	169	3.29	2.5	186	1.33	1.2-	4.0	16.3	18.5	6.4	25.4	6.8-	368	2.81	0.5
Mountain	93	3.28	10.2	184	1.35	.6	7.5	10.7	23.1	7.0	24.2	6.1	298	2.72	4.1
Pacific	28	3.32	2.2	138	1.36	2.3-	3.2	11.0	5.2	5.9	19.8	0.2	188	2.36	0.0
Total of Regions	1,063	3.27	3.0	2,108	1.27	2.1	42.6	11.6	8.2	70.2	21.5	9.4	3,375	2.46	2.6

See footnotes on pages 44 and 45.

TABLE 16--PACKAGED SALES OF WHOLE MILK PRODUCTS, FAT-REDUCED MILK PRODUCTS, MILK AND CREAM MIXTURES, CREAM PRODUCTS, AND TOTAL FLUID PRODUCTS BY HANDLERS REGULATED UNDER FEDERAL MILK ORDERS, GROUPED BY REGION, JULY 1998, WITH COMPARISONS 10/

Region 11/	Whole milk products 2/			Fat-reduced milk products 3/			Milk and cream mixtures			Cream products 12/			Total fluid products 13/		
	Sales	Bf. Content	Change 1998 from 1997 11/	Sales	Bf. Content	Change 1998 from 1997 11/	Sales	Bf. Content	Change 1998 from 1997 11/	Sales	Bf. Content	Change 1998 from 1997 11/	Sales	Bf. Content	Change 1998 from 1997 11/
	Mil. lb.	Percent		Mil. lb.	Percent		Mil. lb.	Percent		Mil. lb.	Percent		Mil. lb.	Percent	
North Atlantic	154	3.29	0.4	264	1.11	0.9	7.5	11.1	0.7	10.3	22.6	7.2	447	2.52	0.8
Southeastern	366	3.27	4.3	436	1.24	0.4	6.5	11.9	1.9	7.0	24.9	2.5-	818	2.43	0.9
East North Central	251	3.23	6.8	720	1.35	6.4	11.4	10.7	7.5	23.3	20.6	10.4	1,059	2.36	6.2
West North Central	37	3.25	6.3-	215	1.15	7.5-	3.1	10.7	4.9-	8.4	19.9	1.6	267	2.14	7.0-
West South Central	181	3.29	2.5	200	1.33	1.4	3.2	11.6	14.5-	6.4	25.9	12.1-	392	2.72	1.3
Mountain	94	3.24	3.0	197	1.39	1.4	7.2	10.8	17.1	6.9	24.1	1.7	312	2.66	2.5
Pacific	29	3.31	1.3	141	1.36	2.3-	3.4	10.8	2.6	6.0	20.7	9.2	191	2.40	1.6-
Total of Regions	1,113	3.26	3.0	2,173	1.28	1.5	42.4	11.1	3.6	68.2	22.1	4.4	3,486	2.45	1.9

See footnotes on pages 44 and 45.

TABLE 17--PACKAGED SALES OF MILK AND CREAM MIXTURES, CREAM PRODUCTS, YOGURT, AND EGGNOG BY HANDLERS REGULATED UNDER FEDERAL MILK ORDERS, JANUARY 1998 TO DATE, WITH COMPARISONS 10/11/

Product Name	January			February			March		
	Sales	Bf. content	Change 1998 from 1997 11/		Sales	Bf. content	Change 1998 from 1997 11/		Change 1998 from 1997 11/
			Month	Year to date			Month	Year to date	
	<u>1000 lb.</u>		<u>Percent</u>		<u>1000 lb.</u>		<u>Percent</u>		<u>Percent</u>
Milk and Cream Mixtures	39,127	11.0	2.4	2.4	36,736	11.2	0.6	1.5	2.2
Total Cream Products	57,971	21.2	1.7	1.7	54,117	22.2	5.5	3.5	3.6
Light Cream	6,434	18.3	15.1	15.1	6,089	18.3	10.9	13.0	12.6
Heavy Cream	15,516	36.9	2.5-	2.5-	16,717	37.5	7.9	2.7	5.2-
Sour Cream	36,021	15.0	1.3	1.3	31,312	14.9	3.2	2.1	6.9
Yogurt	79,174	1.9	12.1-	12.1-	78,278	2.0	12.9-	12.5-	1.1
Eggnog	4	9.9	---	---	0	---	---	---	---
Product Name	April			May			June		
	Sales	Bf. content	Change 1998 from 1997 11/	Sales	Bf. content	Change 1998 from 1997 11/	Sales	Bf. content	Change 1998 from 1997 11/
Milk and Cream Mixtures	41,851	11.1	6.1	2.9	42,168	11.1	6.7-	0.8	8.2
Total Cream Products	65,254	22.0	10.9	5.4	66,087	22.1	1.4	4.5	9.4
Light Cream	6,934	18.4	13.6	12.8	7,169	18.5	5.9	11.3	15.8
Heavy Cream	20,316	37.1	15.2	3.5	20,412	37.2	4.2	3.7	10.2
Sour Cream	38,004	14.6	8.3	5.0	38,507	14.8	0.8-	3.7	7.8
Yogurt	86,252	1.8	5.9-	7.4-	86,278	1.9	10.6	4.2-	1.3
Eggnog	136	6.1	---	---	0	---	---	---	---

CONTINUED

See footnotes on pages 44 and 45.

TABLE 17--PACKAGED SALES OF MILK AND CREAM MIXTURES, CREAM PRODUCTS, YOGURT, AND EGGNOG BY HANDLERS REGULATED UNDER FEDERAL MILK ORDERS, JANUARY 1998 TO DATE, WITH COMPARISONS 10/11/--CONT.

Product Name	July				August				September			
	Sales	Bf. content	Change 1998 from 1997 11/		Sales	Bf. content	Change 1998 from 1997 11/		Sales	Bf. content	Change 1998 from 1997 11/	
			Month	Year to date			Month	Year to date			Month	Year to date
	<u>1000 lb.</u>		<u>Percent</u>		<u>1000 lb.</u>		<u>Percent</u>		<u>1000 lb.</u>		<u>Percent</u>	
Milk and Cream Mixtures	42,383	11.1	3.6	2.2								
Total Cream Products	68,161	22.1	4.4	5.2								
Light Cream	7,714	18.4	7.7	11.4								
Heavy Cream	21,049	36.6	8.3	5.3								
Sour Cream	39,398	15.1	1.9	4.1								
Yogurt	88,653	1.6	4.0-	3.4-								
Eggnog	0	---	---	---								

See footnotes on pages 44 and 45.

TABLE 18--MILK, SKIM MILK, AND CREAM UTILIZED IN THE MANUFACTURE OF DAIRY PRODUCTS BY HANDLERS REGULATED UNDER FEDERAL MILK, ORDERS, GROUPED BY REGION, JUNE 1998, WITH COMPARISONS 14/

Region 15/	Butter			Total cheese			Frozen desserts			Cottage cheese			Nonfat dry milk			Total products 16/		
	Total	Bf. con- tent	Change 1998 from 1997 17/	Total	Bf. con- tent	Change 1998 from 1997 17/	Total	Bf. con- tent	Change 1998 from 1997 17/	Total	Bf. con- tent	Change 1998 from 1997 17/	Total	Bf. con- tent	Change 1998 from 1997 17/	Total	Bf. con- tent	Change 1998 from 1997 17/
North Atlantic	Mil. lb.	Percent	Mil. lb.	Percent	Mil. lb.	Percent	Mil. lb.	Percent	Mil. lb.	Percent	Mil. lb.	Percent	Mil. lb.	Percent	Mil. lb.	Percent	Mil. lb.	Percent
	11	42.6	11.5-	162	4.36	12.2	123	7.8	6.0	15	1.75	1.3-	149	0.06	21.2-	523	4.59	1.9
Southeastern	11	17.0	97.2-	6	7.70	26.7-	94	8.8	3.4-	21	1.60	4.2-	18/	---	---	177	7.88	15.9-
E. No. Central 19/	17	43.1	32.5-	415	3.73	71.0-	158	8.4	3.0	106	1.42	32.8-	36	0.07	50.5-	866	4.94	49.2-
W. No. Central 19/	3	39.5	13.3-	300	3.54	69.9-	59	8.2	13.0	18/	---	---	6	0.11	77.0-	402	4.38	57.8-
W. So. Central 19/	2	39.4	23.3-	135	4.16	33.9-	88	5.3	12.1-	17	0.84	8.5-	18/	---	---	297	4.33	25.6-
Mountain 19/	3	39.7	20.9-	425	4.01	26.5-	36	8.4	18.4-	25	0.54	11.5	18/	---	---	564	3.89	24.3-
Pacific	16	38.3	16.6-	186	3.96	42.9	17	12.0	17.4-	21	0.60	14.5-	18/	---	---	385	4.13	3.3
Total of Regions	64	37.0	24.5-	1,630	3.94	52.0-	575	8.0	0.8-	223	1.18	24.4-	393	0.11	33.3-	3,215	4.64	35.7-

See footnotes on pages 44 and 45.

TABLE 19--MILK, SKIM MILK, AND CREAM UTILIZED IN THE MANUFACTURE OF DAIRY PRODUCTS BY HANDLERS REGULATED UNDER FEDERAL MILK, ORDERS, GROUPED BY REGION, JULY 1998, WITH COMPARISONS 14/

Region 15/	Butter			Total cheese			Frozen desserts			Cottage cheese			Nonfat dry milk			Total products 16/		
	Total	Bf. con- tent	Change 1998 from 1997 17/	Total	Bf. con- tent	Change 1998 from 1997 17/	Total	Bf. con- tent	Change 1998 from 1997 17/	Total	Bf. con- tent	Change 1998 from 1997 17/	Total	Bf. con- tent	Change 1998 from 1997 17/	Total	Bf. con- tent	Change 1998 from 1997 17/
	Mil. lb.	Percent		Mil. lb.	Percent		Mil. lb.	Percent		Mil. lb.	Percent		Mil. lb.	Percent		Mil. lb.	Percent	
North Atlantic 20/	12	29.9	12.6-	152	3.98	14.5	126	7.3	7.9-	19	0.68	33.9-	76	0.08	52.3-	447	4.78	2.4-
Southeastern	11	18.2	92.1-	3	4.60	14.0-	83	9.0	5.7-	20	1.43	17.6	18/	---	---	163	8.34	6.6-
E. No. Central 20/	20	37.7	16.5-	391	3.68	69.6-	154	8.3	0.8-	116	1.28	25.1-	28	0.06	7.3-	818	4.98	46.8-
W. No. Central 20/	4	40.0	22.6	75	3.79	91.4-	54	7.9	3.4-	18/	---	---	2	0.56	81.3-	165	5.63	76.6-
W. So. Central 20/	5	39.5	3.1	31	4.46	77.9-	95	5.9	3.6	19	0.79	4.8-	18/	---	---	191	5.22	35.0-
Mountain 20/	4	39.3	12.5	146	4.52	71.1-	37	7.6	18.4-	26	0.57	14.6	18/	---	---	262	4.42	59.3-
Pacific 20/	14	41.1	12.5	189	3.80	39.8	19	13.0	12.3	22	0.67	9.2	18/	---	---	391	4.10	21.4
Total of Regions	70	34.2	6.7-	989	4.01	67.9-	568	7.9	3.3-	240	1.03	19.8-	278	0.11	30.0-	2,435	5.03	43.5-

See footnotes on pages 44 and 45.

1/ Prices are for milk of 3.5 percent butterfat content and for the major city in the marketing area. All averages are weighted.

2/ For those markets which have multiple component pricing (see table 21), the prices represent the Basic Formula Price plus the weighted average differential price or producer price differential computed under the order.

3/ For the 21 marketing areas where it currently is in effect, this price is applicable to producer milk used to produce nonfat dry milk.

4/ Zone 1 (Boston). Price at 201-210 mile zone: Class I and blend, 72 cents less. Class I and blend price at Hartford, 10 cents less.

5/ New York metropolitan area. Price at 201-210 mile zone: Class I and blend, 72 cents less; Class II and Class III, 8 cents less.

6/ Philadelphia, Baltimore, and Washington, D.C. Price excludes a 6-cent direct delivery differential applicable to milk delivered to the Philadelphia area.

7/ Charlotte.

8/ Bristol, Chattanooga, and Knoxville.

9/ Effective October 1, 1997, the order regulating the marketing area was terminated. See "Summary of Federal Milk Order Actions, October 1997" in FMOS-422.

10/ Zone 7 (Atlanta and Birmingham). Class I and blend price at Little Rock, 31 cents less; and at New Orleans, 57 cents more.

11/ Figures exclude, where applicable, Upper Florida, Southeastern Florida, Eastern South Dakota, and Western Colorado; some of the data used to weight the monthly prices are restricted. The individual Class I and blend price data for these markets are shown below. Class II and Class III prices are the same as the prices shown in the table for Carolina.

Marketing area	July				August			
	Class I		Blend		Class I		Blend	
	1998	1997	1998	1997	1998	1997	1998	1997
	-----Dollars-----							
Upper Florida	14.46	14.28	14.39	14.14	16.68	14.32	16.52	14.10
S. E. Florida	15.06	14.88	14.95	14.62	17.28	14.92	17.01	14.68
E. S. Dakota	12.38	12.20	12.43	11.58	14.60	12.24	14.86	12.17
W. Colorado	12.88	12.70	12.83	12.50	15.10	12.74	14.95	12.56

12/ Figures are based on the same group of comparable markets--markets where the orders were in effect the entire period 1997-98, and for which the data were not affected by marketing area changes. Excludes Tennessee Valley, Carolina, Southeast, and Louisville-Lexington-Evansville, where applicable. The termination of the Tennessee Valley order affected significantly the comparability of the data for these neighboring marketing areas; see 9/. Figures also exclude Greater Kansas City and Iowa, where applicable. Some of the data used to weigh the monthly prices for these markets are restricted.

13/ Zone II (Marquette).

14/ Individual handler pool. Blend prices are weighted average of all handlers.

15/ Zone 1 (Detroit). Price excludes a 10-cent direct delivery differential applicable to milk delivered to the Detroit metropolitan area.

16/ Cleveland and Pittsburgh.

17/ Zone 3 (Columbus). Class I and blend price at Cincinnati (Zone 4) 7 cents more.

18/ Indianapolis.

19/ Zone 1 Chicago). Class I and blend price at Milwaukee (Zone 4) 9 cents less.

20/ Peoria.

21/ Base Zone (Alton). Class I and blend price at Carbondale (Southern Zone) and at St. Louis 9 cents more.

22/ Zone 1 (Minneapolis).

23/ Zone 1 (Des Moines).

24/ Zone 1 (Omaha).

25/ Kansas City and Topeka.

26/ Zone 1 (Oklahoma City). Class I and blend price at Springfield, Mo., 58 cents less.

27/ Zone 1 (Dallas). Class I and blend price at Houston, 54 cents more.

28/ Denver.

29/ Boise, Idaho.

30/ Salt Lake City, Utah.

31/ Phoenix.

32/ Albuquerque, Santa Fe, and El Paso.

33/ Zone 1 (Seattle and Portland).

FOOTNOTES FOR TABLES 4 THROUGH 11.

1/ Prices are for milk of 3.5 percent butterfat content and for the major city in the marketing area. See footnotes on pages 42 and 43 for location at which price is reported. All averages are weighted.

2/ Effective October 1, 1997, the order regulating the marketing area was terminated.

3/ Figures are based on the same group of comparable markets--markets where the orders were in effect the entire period 1997-98, and for which the data were not affected by marketing area changes. Excludes Tennessee Valley, Carolina, Southeast, and Louisville-Lexington-Evansville, where applicable. See 2/. Figures also exclude Iowa, Greater Kansas City and Eastern South Dakota, where applicable. See 8/.

4/ Figures exclude, where applicable, Upper Florida, Southeastern Florida, Eastern South Dakota, and Western Colorado; some of the data used to weight the monthly prices are restricted.

5/ In these marketing areas, milk was not pooled due to unusual price relationships. See "*" on page 4.

6/ Data are a summation or weighted average of the Tampa Bay, Upper Florida, and Southeastern Florida marketing areas. The data are combined in order to mask the data for Upper Florida, which are restricted.

7/ The data for these marketing areas are combined in order to mask restricted data. See table 1 for complete marketing area name.

8/ Class I and Class II receipts and utilization data are restricted for the Greater Kansas City-Eastern South Dakota area, and were restricted for the Iowa area from August through October 1997. These data are excluded from all market figures, where applicable.

FOOTNOTES FOR TABLES 12 THROUGH 19.

* The figure for the New York-New Jersey marketing area for April 1998 should have read 340.9.

1/ In-area sales include total sales in each of the areas by handlers regulated under the respective order, by handlers regulated under other orders, by partially regulated handlers, and by producer-handlers. Sales routes of handlers may extend outside defined marketing areas; therefore, some handlers' in-area sales are partially estimated.

2/ Plain, flavored, and miscellaneous whole milk products.

3/ Plain, fortified, flavored, and miscellaneous fat-reduced milk products, and buttermilk.

4/ Effective October 1, 1997, the order regulating this marketing area was terminated.

5/ Comparable markets are markets where the orders were in effect the entire period 1997-98, and for which the data were not affected significantly by marketing area changes. Excludes Tennessee Valley; see 4/.

6/ Excludes New York-New Jersey.

7/ Figures adjusted to eliminate variation in data due to calendar composition.

8/ The data for this market are estimated.

9/ See table 12 for marketing areas included; excludes Tennessee Valley.

10/ Total packaged disposition, in and out of the marketing area, by regulated handlers. Besides receipts from producers, these dispositions also may include receipts from other Federal order plants and/or receipts from other sources. However, sour cream, yogurt,

FOOTNOTES FOR TABLES 12 THROUGH 19.-CONTINUED

11/ See table 12 for marketing areas included; excludes New York-New Jersey. Percent changes are based on the same groups of comparable markets; excludes Carolina, Tennessee Valley, Southeast, and Louisville-Lexington-Evansville. See 4/.

12/ Light, heavy, and sour cream, and cream dips.

13/ In addition to listed fluid milk and cream products, includes yogurt and eggnog.

14/ Includes producer milk and other source milk used to produce manufactured dairy products in regulated pool plants, as well as milk diverted and shipped to non-order plants for processing. Other source milk at regulated plants includes bulk transfers and diversions from other Federal orders, and receipts from unregulated sources. Some of the data are preliminary and partially estimated.

15/ See table 12 for marketing areas included; excludes New York-New Jersey. Percent changes are based on the same groups of comparable markets; excludes Carolina, Tennessee Valley, and Southeast. See 4/.

16/ In addition to listed manufactured products, includes milk, skim milk, and cream used in other manufactured dairy products, e.g., evaporated milk, condensed milk, dried products, aerated cream, and fat-free milk equivalent used to fortify fluid milk products; milk, skim milk, and cream used in other food products as well as used in animal feed, dumped or spilled, plant loss, and miscellaneous products.

17/ Percent changes over the previous year are based on the same group of comparable markets--markets where the orders were in effect the entire applicable two year period, and for which the data were not affected significantly by marketing area changes; excludes Black Hills. These changes are based on pounds of butterfat, except for nonfat dry milk which are based on pounds of fat-free milk.

18/ Restricted.

19/ The marketing areas in which milk was not pooled in June 1997 and 1998 due to disadvantageous price situations were in these regions. See 2/ on page 6.

20/ The marketing areas in which milk was not pooled in July 1997 and 1998 due to disadvantageous price situations were in these regions. See 2/ on page 6.

TABLE 20--PERCENTAGE OF WHOLE MILK EQUIVALENT (MILKFAT BASIS) USED IN THE PRODUCTION OF MANUFACTURED DAIRY PRODUCTS,
IN FEDERAL ORDER MARKETS, JANUARY 1998 TO DATE, WITH COMPARISONS ^{1/}

Manufactured dairy product	January		February		March		April		May		June	
	1998	1997	1998	1997	1998	1997	1998	1997	1998	1997	1998	1997
<u>Percent</u>												
Butter	23.9	24.9	22.4	30.2	20.9	21.1	20.5	21.3	17.1	18.0	16.0	14.1
Cheese	53.1	53.2	54.9	40.2	55.2	53.7	55.1	55.6	58.5	57.3	43.1	59.0
Frozen desserts	15.4	15.2	15.9	21.1	17.0	17.7	17.9	16.4	17.7	18.0	30.7	20.1
Cottage cheese	1.2	1.1	1.4	1.4	1.5	1.2	1.4	1.3	1.4	1.3	1.8	1.4
All other ^{2/}	6.4	5.6	5.4	7.1	5.4	6.3	5.1	5.4	5.3	5.4	8.4	5.4
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
<u>Percent</u>												
Manufactured dairy product	July		August		September		October		November		December	
	1998	1997	1998	1997	1998	1997	1998	1997	1998	1997	1998	1997
<u>Percent</u>												
Butter	19.6	12.6										
Cheese	32.3	58.1										
Frozen desserts	36.5	21.9										
Cottage cheese	2.0	1.4										
All other ^{2/}	9.6	6.0										
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

^{1/} Data represent whole milk equivalent based on milkfat content. Includes producer milk and other source milk used to produce manufactured dairy products in regulated pool plants as well as milk diverted and shipped to non-order plants for processing. Some of the data are partially estimated. Excludes New York-New Jersey.

^{2/} Milk, skim milk, and cream used in other manufactured dairy products, e.g. evaporated milk, condensed milk, dried products, and aerated cream; and milk, skim milk, and cream used in other food products as well as used in animal feed, dumped or spilled, plant loss, and miscellaneous products.

TABLE 21--FEDERAL MILK ORDER MILK COMPONENT PRICES AND TESTS IN VARIOUS MARKETING AREAS, JULY AND AUGUST 1/

Federal milk order marketing area	Weighted Average Differential Price		Butterfat Price		Producer Nonfat Milk Solids/Other Solids Price 2/		Producer Protein Price		Producer Nonfat Milk Solids/Other Solids Test 2/		Producer Protein Test	
	Jul	Aug	Jul	Aug	Jul	Aug	Jul	Aug	Jul	Aug	Jul	Aug
	Dol. per cwt.		Dol. per lb.		Percent							
Middle Atlantic	-1.32	0.22	2.3002	2.5154	0.7800	0.7300	---	---	8.59	8.58	---	---
Southern Michigan 3/ 4/	-1.77	-0.45	2.2997	2.5142	---	---	2.0666	2.1542	---	---	3.06	3.09
E. Ohio-W. Pa.	-1.44	-0.11	2.3000	2.5100	---	---	2.1900	2.0100	---	---	3.07	3.10
Ohio Valley	-2.30	-0.35	2.3000	2.5100	---	---	2.1900	2.0000	---	---	3.08	3.12
Indiana	-2.37	-0.41	2.3000	2.5100	---	---	2.1900	2.0000	---	---	3.09	3.12
Chicago Regional 3/ 5/	-1.83	-0.52	2.2997	2.5142	0.0688	0.0000	2.0666	2.0014	5.49	5.48	3.05	3.06
Upper Midwest 3/ 5/	-2.29	-0.65	2.2997	2.5142	0.0688	0.0000	2.0666	2.0014	5.53	5.52	3.06	3.09
E. South Dakota 3/ 5/	-2.34	-0.13	2.2997	2.5142	0.0688	0.0000	2.0666	2.0014	6/	6/	6/	6/
Iowa 3/ 5/	-1.82	-0.36	2.2997	2.5142	0.0688	0.0000	2.0666	2.0014	5.47	5.47	3.08	3.11
Nebr.-Western Iowa 3/ 5/	-2.29	-0.37	2.2997	2.5142	0.0688	0.0000	2.0666	2.0014	5.51	5.51	3.07	3.11
SW. Idaho-E. Oregon	-1.69	-0.39	2.3000	2.5100	---	---	2.1800	1.9900	---	---	3.11	3.16
Great Basin	-1.35	-0.29	2.3000	2.5100	---	---	2.1800	1.9800	---	---	3.12	3.14
Pacific Northwest 3/	-0.73	0.25	2.2997	2.5142	0.0686	0.0000	2.0666	2.0014	5.47	5.48	3.14	3.16

1/ The orders regulating these marketing areas require that producers be paid on the basis of the weighted average differential, the price per pound for butterfat, and either the price per pound for protein, protein and other solids, or nonfat milk solids. 2/ The Middle Atlantic order requires that producers be paid on the basis of nonfat milk solids. The Chicago Regional, Upper Midwest, Eastern South Dakota, Iowa, Nebraska-Western Iowa, and Pacific Northwest orders require that producers be paid on the basis of other solids. 3/ Instead of a weighted average differential price, this order calculates a producer price differential. 4/ For this order a fluid carrier price is determined. For July and August, these prices are \$0.40 and \$-0.50 per hundredweight, respectively. 5/ The somatic cell adjustment rates per 1000 somatic cell count for this order for July and August are \$0.00078 and \$0.00082, respectively. 6/ Restricted.

TABLE 22--FACTORS USED IN THE COMPUTATION OF CLASS III-A PRICES IN FEDERAL MILK ORDER MARKETS,
JANUARY 1998 TO DATE ^{1/}

Month	Butterfat Differential	Nonfat Dry Milk Price		Modified Yield Factor 6/		Class III-A Price 7/	
		Central States 2/ 3/	Western 4/ 5/	Central States 3/	Western 5/	Central States 8/ 9/	Western 8/
Dollars per 0.1 percent butterfat		Dollars per pound		Pounds per hundredweight		-----Dollars per hundredweight-----	
1998							
January	0.114	1.0593	1.0443	8.62	8.62	12.04	11.91
February	0.140	1.0521	1.0418	8.62	8.62	12.89	12.80
March	0.135	1.0467	1.0367	8.62	8.61	12.67	12.57
April	0.142	1.0426	1.0328	8.61	8.61	12.88	12.79
May	0.175	1.0348	1.0315	8.61	8.61	13.96	13.93
June	0.217	1.0289	1.0275	8.61	8.61	15.38	15.37
July	0.223	1.0297	1.0324	8.61	8.61	15.59	15.62
August	0.245	1.0463	1.0550	8.62	8.62	16.52	16.59
September	0.325	1.1007	1.1063	8.64	8.64	19.81	19.85
October							
November							
December							

^{1/} This pricing provision is currently in effect in 21 marketing areas. See table 2 in this report for the affected marketing areas. This price is applicable to producer milk used to produce nonfat dry milk.

^{2/} "Dairy Market News," AMS.

^{3/} This price series is used in the computation of the modified yield factor and Class III-A Prices in all but 3 of the 21 affected marketing areas. See ^{1/}.

^{4/} This price is determined by AMS from combining price series published in "Dairy Market News".

^{5/} This price series is used in the computation of the modified yield factor and Class III-A Prices in the western marketing areas. See ^{1/}.

^{6/} 9 less (0.4 divided by the applicable nonfat dry milk price).

^{7/} (Butterfat differential times 35) plus [(applicable nonfat dry milk price less 12.5 cents) times the applicable modified yield factor].

^{8/} See table 2 to find the marketing areas that use this nonfat dry milk price series.

^{9/} New England, New York-New Jersey, and Middle Atlantic also use a seasonal adjustment in the computation of Class III-A prices.

TABLE 23--PRODUCER DELIVERIES OF MILK USED IN CLASS III-A BY HANDLERS REGULATED UNDER FEDERAL ORDERS, BY SELECTED FEDERAL MILK ORDER MARKETING AREA AND REGION, JANUARY 1998 TO DATE

Federal milk order marketing area 1//Region	January 1998	February 1998	March 1998	April 1998	May 1998	June 1998	July 1998
-----Thousand pounds-----							
New England	71,335	67,776	65,778	71,257	64,978	61,715	21,470
New York-New Jersey	35,773	35,583	35,764	42,150	28,495	28,100	18,717
Southeast	15,386	25,924	32,271	35,376	25,038	1,065	549
East 2/	212,964	246,767	270,380	300,339	242,588	178,195	76,713
Southern Michigan	24,506	22,846	24,415	33,854	38,369	30,751	26,731
Indiana	6,492	8,410	6,283	12,664	10,158	853	322
Chicago Regional	6,665	6,993	1,008	2,864	1,609	0	0
Upper Midwest	23,694	21,125	12,394	2,031	5,544	1,971	284
Midwest 3/	124,325	125,510	104,581	138,893	77,141	36,619	27,708
West 4/	208,046	234,307	295,516	324,191	326,068	200,223	171,286
All Market Total	545,335	606,584	670,477	763,423	645,797	415,037	275,707
-----Thousand pounds-----							
Federal milk order marketing area 1//Region	August 1998	September 1998	October 1998	November 1998	December 1998	Year to date 1998	Year to date 1997
New England	43,810					468,119	476,309
New York-New Jersey	16,527					241,109	257,015
Southeast	0					135,609	223,690
East 2/	89,308					1 617,254	1,925,084
Southern Michigan	2,670					204,142	229,842
Indiana	0					45,182	59,416
Chicago Regional	0					19,139	34,357
Upper Midwest	101					67,144	77,393
Midwest 3/	3,082					637,859	795,084
West 4/	139,270					1,898,907	2,105,903
All Market Total	231,660					4,154,020	4,826,071

1/ The marketing areas shown are the marketing areas for which the data is available and unrestricted.

2/ The marketing areas included in this region are shown on table 2 under the North Atlantic and Southeastern regions.

3/ The marketing areas included in this region are shown on table 2 under the East North Central and West North Central regions.

4/ The marketing areas included in this region are shown on table 2 under the West South Central, Mountain, and Pacific regions.

TABLE 24--FACTORS USED IN THE DETERMINATION OF THE BASIC FORMULA PRICE, JANUARY 1998 TO DATE

Basic Formula Price for the Month	Dairy Product Wholesale Prices						Production in Minnesota and Wisconsin ^{3/}				Base Month Price Information ^{4/}			
	Butter ^{1/}		Cheddar Cheese		Nonfat Dry Milk ^{1/}		Dried Butter-milk ^{1/}							
			National Agricultural Statistics Service ^{2/}		Western Area		Western Area							
	Grade AA	Grade A ^{5/}	40-lb. Blocks		Low/Med Heat		30% Minimum Protein		American Cheese	Nonfat Dry Milk	Price at Test	Butter-fat Test	Protein Test	Solids Not Fat Test
	-----Dollars per pound-----								---Thousand pounds---		Dol. Per cwt.		-----Percent-----	
Jan.	1.932	1.1061	1.4165		1.0390		0.8840		122,253	1,726	13.81	3.94	3.27	8.64
Feb.	1.3918	1.2963	1.4163		1.0368		0.9146		127,240	1,907	13.70	3.89	3.24	8.64
Mar.	1.3452	1.2505	1.3793		1.0309		0.9163		115,178	2,157	13.67	3.85	3.20	8.62
Apr.	1.3788	1.2856	1.3072		1.0256		0.9212		125,844	1,831	13.17	3.85	3.18	8.60
May	1.5465	1.4945	1.2034		1.0223		0.9200		129,081	2,089	12.25	3.80	3.13	8.58
June	1.8618	1.8468	1.4038		1.0200		0.9200		128,340	2,263	11.35	3.67	3.14	8.59
July	2.0085	1.9185	1.5656		1.0238		0.9298		127,804	1,475	13.47	3.64	3.13	8.58
Aug	2.1730	2.0830	1.6320		1.0425		0.9574		126,539	1,015	14.40	3.55	3.05	8.47
Sept.	2.7566	2.6666	1.6556		1.0944		0.9914		119,060	1,361	14.91	3.59	3.09	8.48
Oct.														
Nov.														
Dec.														
Av.														

^{1/} "Dairy Market News," AMS. ^{2/} A monthly average price is determined by AMS by volume weighting the weekly prices. ^{3/} The production in the States of Minnesota and Wisconsin combined for the prior month as first published in "Dairy Products," NASS. ^{4/} The price paid to producers for manufacturing grade milk by plants in Minnesota and Wisconsin for the prior month as surveyed by NASS. ^{5/} Effective June 26, 1998, the Chicago Mercantile Exchange discontinued trading on Grade A butter. The Secretary of Agriculture has determined that the Chicago Mercantile Exchange Grade AA butter price less nine cents is equivalent to the discontinued Grade A price, effective June 26. See "Summary of Federal Milk Order Actions, June 1998, Revised" on page 56.

TABLE 25--BASIC FORMULA PRICE, AND RELATED INFORMATION, JANUARY 1998 TO DATE

Month	Applicable Base Month Price at 3.5 % 1/	Change in Product Price Formula 2/	Basic Formula Price 3/	Basic Formula Price at Test for Determining		Basic Formula Price: Milk Component Contents			Butterfat Differential 6/
				Butterfat Differential 4/	Component Pricing 5/	Butterfat	Protein	Solids Not Fat	
-----Dollars per 100 pounds-----				-----Percent-----					Cents per 0.1 percent butterfat
Jan.	13.27	- 0.02	13.25	13.79	13.69	3.89	3.23	8.62	11.4
Feb.	13.26	+0.06	13.32	13.76	13.81	3.85	3.21	8.61	14.0
Mar.	13.18	- 0.37	12.81	13.30	13.27	3.84	3.18	8.61	13.5
Apr.	12.70	- 0.69	12.01	12.48	12.48	3.83	3.15	8.59	14.2
May	11.82	- 0.94	10.88	11.31	11.28	3.73	3.15	8.60	17.5
June	11.05	2.05	13.10	13.40	13.25	3.57	3.13	8.59	21.7
July	13.17	1.60	14.77	15.07	15.02	3.61	3.07	8.50	22.3
Aug.	14.29	0.70	14.99	15.10	15.16	3.57	3.09	8.46	24.5
Sept.	14.69	0.41	15.10	15.32	15.85	3.73	3.20	8.56	32.5
Oct.									
Nov.									
Dec.									
Average									

1/ The applicable base month is the month prior to the month for which the Basic Formula Price (BFP) is announced.

2/ The change in the gross value of milk between the base month and the BFP month as determined by using various product prices, yield factors, and weighting by American cheese and nonfat dry milk production in Minnesota and Wisconsin.

3/ The BFP is the applicable base month price at 3.5% updated by the change in the product price formula. The BFP establishes minimum prices under all Federal milk orders.

4/ This price is determined by adjusting the applicable base month price at test by the change in the product price formula.

5/ This price is determined by adjusting the BFP at 3.5% to the BFP estimated butterfat percent using the current month butterfat differential. This price is used to determine the other solids price in Federal orders that use component pricing.

6/ The differential is determined by the following formula: (.138 X Chicago Mercantile Exchange Grade A butter price) - (.0028 X Basic Formula Price at test for determining the butterfat differential).

TABLE 26--UNITED STATES MILK PRICES AND SELECTED DAIRY FARM PRICE MEASURES,
JANUARY 1998 TO DATE, WITH COMPARISONS

Month	U.S. Milk Prices, 3.5 Percent Butterfat Basis <u>1/</u> Dollars per 100 pounds					
	All Milk Wholesale		Milk Eligible for Fluid Market		Manufacturing Grade Milk	
	1998	Percent change from 1997	1998	Percent change from 1997	1998	Percent change from 1997
Jan.	14.38	8.4	14.38	8.2	13.07	11.1
Feb.	14.38	9.3	14.48	9.1	13.04	7.5
Mar.	14.10	5.4	14.20	6.0	12.48	3.7
Apr.	13.79	5.7	13.79	5.6	11.72	3.4
May	13.06	3.7	13.16	3.5	11.04	3.2
June	13.89	14.4	13.89	13.2	12.74	19.2
July	14.06	16.4	14.08	15.5	13.89	29.7
Aug.	15.33	21.1	15.45	20.9	14.40	22.3
Sept.	15.88	22.2	16.01	23.0	14.62	17.3
Oct.						
Nov.						
Dec.						
Average						

Month	Dairy Farm Price Measures: U.S. Averages <u>2/</u>							
	Milk Cows <u>3/ 4/</u>		Alfalfa Hay Baled <u>5/</u>		Cows <u>6/</u>		Milk-Feed Price Ratio <u>7/</u>	
	1998	Percent change from 1997	1998	Percent change from 1997	1998	Percent change from 1997	1998	Percent change from 1997
	<u>\$ per head</u>		<u>\$ per ton</u>		<u>\$ per cwt.</u>		<u>Pounds</u>	
Jan.	1,070	-1.8	105.00	1.0	34.50	15.0	2.73	12.8
Feb.	---	---	106.00	-6.2	36.00	8.1	2.74	16.6
Mar.	---	---	104.00	-10.3	36.00	-2.4	2.72	19.8
Apr.	1,110	0	105.00	-12.5	36.20	-5.2	2.70	25.0
May	---	---	108.00	-3.6	36.40	-4.7	2.55	18.1
June	---	---	96.50	-16.1	36.10	-3.7	2.87	36.0
July	1,120	1.8	93.40	-11.9	34.70	-9.2	2.98	32.4
Aug.	---	---	90.50	-13.8	34.20	-6.0	3.57	51.9
Sept.	---	---	89.10	-15.9	33.40	-2.9	3.94	61.5
Oct.								
Nov.								
Dec.								
Average								

1/ Based on prices at test as reported in "Agricultural Prices," National Agricultural Statistics Service (NASS); converted to a 3.5 percent test by using the butterfat differential specified in Federal milk orders for conversion of the blend prices that vary from 3.5 percent. 2/ "Agricultural Prices," NASS. 3/ Animals sold for dairy herd replacement only. 4/ Figures are published for January, April, July, and October only. 5/ Mid-month price. 6/ Includes beef cows and cull dairy cows sold for slaughter, but not dairy cows for herd replacement. 7/ Pounds of 16 percent mixed dairy feed equal in value to 1 pound of milk sold to plants. The methodology utilizes major raw feed component prices from the NASS agricultural commodity prices published monthly.

TABLE 27--UNITED STATES GENERAL PRICE MEASURES, JANUARY 1998 TO DATE, WITH COMPARISONS

Month	General price measures 1/								
	Index of prices paid by farmers 2/		Index of prices received by farmers						Parity Ratio 3/
			All farm products		Livestock & Products		Dairy Products		
	1998	Percent change from 1997	1998	Percent change from 1997	1998	Percent change from 1997	1998	Percent change from 1997	
	Indexes 1990-92 = 100								
Jan.	117	0.8	103	-4.6	94	-4.1	113	9.7	88
Feb.	117	0.8	101	-3.8	94	-4.1	113	9.7	86
Mar.	116	-0.9	102	-5.6	95	-4.0	110	6.8	88
Apr.	116	-0.9	104	-1.9	95	-4.0	107	5.9	90
May	116	-1.7	103	-4.6	95	-5.0	101	4.1	89
June	115	-1.7	102	-4.7	98	1.0	107	15.1	89
July	115	-1.7	102	-4.7	96	-3.0	108	16.1	89
Aug.	114	-2.6	101	-6.5	98	-1.0	118	21.6	89
Sep.	113	-3.4	98	-8.4	97	-2.0	124	24.0	87
Oct.									
Nov.									
Dec.									
Average									

Month	General price measures 4/											
	Producer price index				Consumer price index							
	All commodities		Dairy products		All items		Food		Dairy products		Meat, poultry, fish and eggs	
	1998	Percent change from 1997	1998	Percent change from 1997	1998	Percent change from 1997	1998	Percent change from 1997	1998	Percent change from 1997	1998	Percent change from 1997
<u>Indexes 1982=100</u>						<u>Indexes 1982-1984=100</u>						
Jan.	125.5	-3.2	129.9	0.8	161.6	1.6	159.9	2.2	148.3	0.3	148.3	-0.9
Feb.	125.1	-2.6	133.5	4.9	161.9	1.4	159.4	1.9	147.7	1.0	147.3	-0.9
Mar.	124.5	-2.2	132.2	3.0	162.2	1.4	156.7	2.0	148.4	1.6	147.2	-0.4
Apr.	124.7	-2.0	131.5	2.9	162.5	1.4	159.8	2.0	148.5	1.9	146.3	-0.9
May	124.9	-1.9	131.5	4.9	162.8	1.7	160.3	2.4	148.1	1.9	146.2	-1.0
June	124.8	-1.9	132.8	6.0	163.0	1.7	160.1	2.2	148.1	2.8	146.3	-1.1
July	124.8	-1.7	135.3	8.7	163.2	1.7	160.5	2.2	148.2	3.4	146.9	-0.9
Aug.	124.2	-2.4	139.4	10.6	163.4	1.6	161.0	2.2	150.5	5.0	148.2	-0.6
Sept.												
Oct.												
Nov.												
Dec.												
Av.												

1/ "Agricultural Prices," NASS. 2/ For commodities and services, interest, taxes, and wage rates. The index is published for January, April, July, and October only. 3/ Ratio of the Index of Prices Received by farmers, all farm products, to the most recent Index of Prices Paid, Interest, Taxes, and Farm Wage Rates. See 2/. 4/ "Producer Price Index," Bureau of Labor Statistics, U.S. Department of Labor, (BLS), as first reported. "Consumer Price Index," BLS, consumer price index for all urban consumers (CPI-U), not seasonally adjusted.

TABLE 28--CONSUMER PRICE INDEX FOR ALL URBAN CONSUMERS: SELECTED PRODUCTS, UNITED STATES CITY AVERAGE, JANUARY 1998 TO DATE, WITH COMPARISONS ^{1/}

Month	Fresh whole milk		Cheese		Butter		Ice cream and related products	
	Index	Percent change from 1997	Index	Percent change from 1997	Index	Percent change from 1997	Index	Percent change from 1997
<u>Indexes 1982-1984 = 100</u>								
Jan.	145.6	-0.7	148.5	-0.5	124.7	13.2	153.5	1.1
Feb.	146.3	1.6	148.3	-0.3	126.2	16.1	150.8	-0.5
Mar.	147.0	2.2	150.1	1.4	129.4	12.9	150.0	-0.9
Apr.	146.3	2.6	149.9	1.1	125.0	7.9	152.4	0.9
May	145.6	2.2	149.4	1.1	127.5	14.1	150.9	0.1
June	144.4	2.0	148.9	1.2	133.8	23.1	153.2	2.8
July	143.5	2.7	151.2	2.9	152.1	35.4	153.1	3.0
Aug.	147.6	6.0	152.7	4.0	160.1	39.2	155.2	4.0
Sep.								
Oct.								
Nov.								
Dec.								

^{1/} "CPI Detailed Report," BLS. The Consumer Price Index for All Urban Consumers (CPI-U) covers approximately 80 percent of the total noninstitutional civilian population of the United States and is based on data for 85 urban areas.

TABLE 29-USDA PURCHASES (DELIVERY BASIS), AND DAIRY EXPORT INCENTIVE PROGRAM (DEIP) BID ACCEPTANCES, JANUARY 1998 TO DATE

Month	USDA Purchases (Delivery Basis) 1/						DEIP Bid Acceptances 2/			
	Butter 3/	Cheese			Nonfat Dry Milk 5/	Whole Milk Powder	Butter 6/	Cheese 7/	Nonfat Dry Milk	Whole Milk Powder
		Cheddar 4/	Mozz- arella	Process						
	-----1,000 pounds-----						-----Metric tons 8/-----			
Jan.	0	1,020	1,814	6,454	14,276	0	0	0	2,414	383
Feb.	0	1,093	1,492	5,661	10,674	0	0	0	2,010	1,226
Mar.	328	585	2,661	3,564	10,929	0	20	155	4,993	0
Apr.	0	469	726	2,257	13,694	705	18	300	2,890	0
May	0	398	524	1,782	27,772	1,102	0	158	3,070	0
June	0	433	1,210	2,020	22,873	3,042	0	0	357	0
July							0	518	21,948	1,880
Aug.							0	592	9,623	0
Sept.							0	115	1,005	200
Oct.										
Nov										
Dec.										
Year to date 1998	328	3,998	8,427	21,738	100,218	4,849	38	1,838	48,310	3,689

^{1/} Farm Service Agency. Includes price support purchases and market price purchases for the Food and Consumer Service. ^{2/} Foreign Agricultural Service. ^{3/} Bulk and packaged. ^{4/} Block, barrel, and print. ^{5/} Nonfortified and fortified. ^{6/} Includes butter, butteroil, and anhydrous milkfat. ^{7/} Includes Cheddar, Gouda, Mozzarella, Processed, and Cream Cheese. ^{8/} A metric ton equals 2,204.6 pounds.

TABLE 30--U.S. PRODUCTION, MILK AND SELECTED MANUFACTURED DAIRY PRODUCTS,
JANUARY 1998 TO DATE, WITH COMPARISONS

Month	Milk 1/		Butter 2/		Total Cheese 2/		Nonfat Dry Milk 2/		Frozen Products 2/	
	1998	Percent change from 1997	1998	Percent change from 1997	1998	Percent change from 1997	1998	Percent change from 1997	1998	Percent change from 1997
	<u>Bil. lbs.</u>		<u>Mil. lbs.</u>		<u>Mil. lbs.</u>		<u>Mil. lbs.</u>		<u>Mil. gal.</u>	
Jan.	13.3	1.0	113.5	-11.0	615.7	2.9	103.7	2.8	92.1	-5.0
Feb.	12.2	0.7	102.7	-5.5	574.2	-0.5	97.0	4.3	100.7	-4.8
Mar.	13.7	0.3	100.8	-4.4	645.2	1.1	107.3	-5.9	119.8	-3.8
Apr.	13.5	0.7	103.0	-12.9	641.3	7.2	120.4	-5.8	126.7	0.2
May	14.1	1.1	92.9	-9.5	653.1	1.7	121.3	-8.6	130.0	-4.2
June	13.3	-0.3	72.6	-11.4	641.1	2.9	104.2	-13.2	143.9	-0.3
July	13.2	-0.8	67.1	-16.1	612.5	-0.1	90.2	-19.2	146.3	-0.3
Aug.	13.0	-0.4	66.8	-2.9	597.1	0.1	79.0	-12.4	132.6	1.7
Sept.										
Oct.										
Nov.										
Dec.										
Total 3/	106.3	0.3	719.5	-9.3	4,980.2	1.9	823.2	-7.6	992.1	-1.9

1/ "Milk Production," NASS. Monthly milk production is collected only for 20 selected States. NASS collects total U.S. production on a quarterly basis only. NASS estimates total U.S. monthly production based on the pattern in production in the 20 survey States. 2/ "Dairy Products," NASS. Frozen products include ice cream, lowfat ice cream, nonfat ice cream, sherbet, and frozen yogurt. 3/ The sum of the monthly figures may not add up to the total due to rounding.

TABLE 31--COMMERCIAL AND GOVERNMENT STORAGE HOLDINGS, JANUARY 1998 TO DATE

Month	Storage Holdings 1/										
	Butter 2/			All natural cheese 2/ 3/			Natural American 6/	Swiss cheese	Nonfat Dry Milk		
	Total 4/	Government owned	Commercial	Total 4/	Government owned 5/	Commercial			Total 4/	Government owned 7/	Commercial 8/
	Million pounds										
Jan.	34.2	0.2	34.0	493.5	0.1	493.4	411.8	14.4	128.1	24.0	104.1
Feb.	44.2	0.1	44.1	509.5	0.2	509.3	410.7	15.4	131.4	26.1	105.3
Mar.	55.9	0.3	55.7	519.4	0.2	519.2	421.2	13.6	128.9	36.2	92.7
Apr.	67.4	0.4	67.0	544.7	0.2	544.5	441.6	12.6	161.2	48.0	113.1
May	72.7	0.3	72.4	551.6	0.2	551.4	442.7	11.3	186.8	54.8	132.0
June	60.6	0.3	60.3	583.3	0.1	583.2	449.7	11.4	200.9	68.9	129.3
July	51.0	0.3	50.7	594.5	0.3	594.2	460.1	10.7	203.3	91.0	112.3
Aug.	41.3	0.3	41.1	576.9	0.2	576.7	440.9	11.5	202.3	107.5	94.8
Sept.											
Oct.											
Nov.											
Dec.											

* Less than 50,000 pounds. 1/ End of month. 2/ "Cold Storage," NASS. 3/ Includes American, Swiss, and Other Natural Cheese. 4/ May not add due to rounding. 5/ Represents natural American cheese only and does not include Government holdings of processed cheese. 6/ Includes Government stocks. 7/ "Summary of Processed Commodities in Store," FSA. 8/ "Dairy Products," NASS.

Summary of Federal Milk Order Actions, June 1998, Revised

The June 1998 Summary of Federal Milk Order Actions should have included the following action.

Determination:

New England, et al - June 26 (63 FR 35564, 6/30/98). This action announces the Secretary's determination that the Chicago Mercantile Exchange (CME) Grade AA Butter Spot Call for the month minus 9 cents is an equivalent butter price alternative to the CME's Grade A Butter Spot Call contract which will cease trading on June 26, 1998. The butter price series is used in computing the butterfat differential and the Basic Formula Price (BFP) in all Federal milk marketing orders. For June 1998, the butterfat differential and the BFP will be computed using the equivalent butter price series in conjunction with the CME Grade A butter price.

Summary of Federal Milk Order Actions, July 1998

There were no final actions effective during this period.

Summary of Federal Milk Order Actions, August 1998

There were no final actions effective during this period.

**United States
Department of
Agriculture**



Marketing and Regulatory Programs

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